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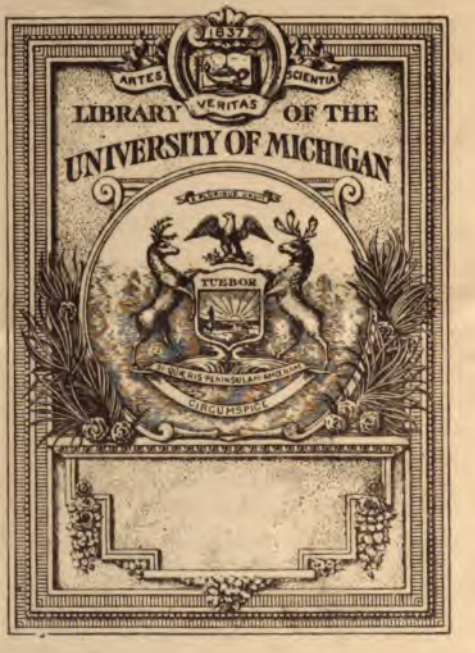
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THIRTIETH REPORT

OF THE

SCIENCE AND ART DEPARTMENT

OF THE

COMMITTEE OF COUNCIL ON EDUCATION,

WITH APPENDICES.

Presented to both Houses of Parliament by Command of Her Majesty.

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THIRTIETH REPORT

OF THE

SCIENCE AND ART DEPARTMENT

OF THE

COMMITTEE OF COUNCIL ON EDUCATION.

TO THE QUEEN'S MOST EXCELLENT MAJESTY.

MAY IT PLEASE YOUR MAJESTY,

WE, the Lords of the Committee of Your Majesty's Privy Council on Education, humbly present to Your Majesty this our Report of the Science and Art Department for the year 1882.

The Report is arranged under the following heads :— Division of Report.

I.—Aid given towards the promotion of instruction in Science.

II.—Aid given towards the promotion of instruction in Elementary Drawing as a part of National Education, and in Fine Art as applied to Industry.

III.—The administration of the South Kensington Museum, the central repository for objects of Science and Art, which, as far as practicable, are circulated throughout the United Kingdom.

IV.—The Branch Museum at Bethnal Green.

V.—Other Museums, supported by the State through the Science and Art Department.

VI.—The Geological Survey.

VII.—Institutions and Societies which receive aid from the State, through the Science and Art Department.

VIII.—Summary.

I.—SCIENCE DIVISION.

Aid given towards the Promotion of Instruction in Science.

(*a.*) *Elementary Scientific Instruction.*

Elementary Scientific Instruction.

1. The following table of statistics gives the number of Science schools examined from 1873 to the present year, and the number of students who attended those schools. It will be seen that the number examined in 1882 was larger than that examined in 1881, and that the number of students under instruction also showed a corresponding increase :—

	No. of Schools.	No. under Instruction.
1873	1,182	48,546
1874	1,336	53,050
1875	1,299	52,669
1876	1,426	57,988
1877	1,348	55,927
1878	1,297	57,230
1879	1,355	59,519
1880	1,391	60,871
1881	1,360	61,177
1882	1,402	68,581

Number of Schools, &c.

In the 1,403 schools examined in 1882, there were 4,881 separate classes, and the number of students who came up for examination from them was 43,331. In addition 7,290 self-taught students and pupils from classes not entitled to claim payments on results presented themselves for examination.

According to the following table, the number of papers which passed shows a considerable increase over the corresponding number for 1881. The number of candidates in the honours division of the examination was 1,492, of whom 102 passed in the 1st class, and 425 in the 2nd class.

—	No. examined.	No. of Papers worked.	No. of Papers passed.	No. of First Classes in Elementary and Advanced Stages.
1873	24,674	56,577	35,100	8,782
1874	27,513	61,796	38,198	10,896
1875	30,685	62,308	43,192	13,565
1876	33,289	69,162	46,332	12,453
1877	35,342	65,047	44,681	12,466
1878	40,086	62,608	40,549	11,488
1879	38,615	67,031	41,746	10,653
1880	39,083	69,187	45,173	12,048
1881	44,641	72,300	48,598	13,176
1882	50,621	76,063	50,741	13,568

Examinations.

2. The Reports made by the examiners on the general character of the examinations give a favourable impression of the progress of the schools. As they contained many valuable suggestions as to methods of teaching, &c., they were printed and circulated among the schools. Extracts from them will be found in Appendix B., at p. 58.

3. Examinations were held at 1,025 centres in the provinces, and at 92 in the metropolis. The total amount paid to teachers on results was for the year 45,376*l.* 0*s.* 6*d.*, being at the rate of 13*s.* 3*d.* for each student under instruction. Payments were made to 1851 teachers, and the average payment per teacher was 24*l.* 10*s.* 3*d.*

4. We have made grants in aid of the purchase of apparatus, diagrams, and examples amounting for the year to 1,170*l.* 0*s.* 11*d.* This was an increase on the year 1881, when the total amount was 497*l.* 13*s.* 2*d.*

5. Of the 1,403 schools examined 1,064 were in England and Wales, 155 in Scotland, and 184 in Ireland.

6. The fifth special examination of Science classes in Training Colleges was held in December 1882. The improvement which we were able to report in the results of the examination for 1881 over the results for 1880 was maintained, the results for 1882 being much better than those for 1881. The number of colleges examined was 39, and the numbers of separate classes in 1881 and 1882 were respectively 105 and 112.

Whitworth Scholarships.

7. In 1881, at the request of Sir J. Whitworth, we made some important alterations in the system of awarding the scholarships founded by him. The present system will be

understood from the explanation given in Appendix B., p. 78.

Exhibitions and Scholarships.

8. 14 local exhibitions were held during the year 1882. The number of Science and Art Scholarships was 95, and of Elementary Schools Scholarships 81.

Further details with regard to the instruction in Science will be found in Appendix B., page 56 *et seq.*

(*b.*) *Advanced Scientific Instruction.*

Normal School of Science and Royal School of Mines.

9. *Normal School of Science and Royal School of Mines.*—In our last report we stated that this school in its re-organised form was opened on the 3rd October 1881. Since that time the work of the school has been proceeding satisfactorily; the details are given in the report of the registrar (Appendix C., p. 337).

The numbers of students under instruction in the various divisions of the school during the Session 1881–82, the first session after the reorganisation, were as follows:—Chemistry, 78, viz., 24 Government students and 54 private students paying fees; Physics, 31, 13 of whom were Government, and 18 private, students; Mechanics, 32, 19 Government and 13 private; Metallurgy, 42, 7 Government and 35 private; Biology (including Botany), 20, 13 Government and 7 private; Geology (including Mineralogy), 34, 10 Government and 24 private; Mining, 28, 6 Government and 22 private students.

Royal College of Science.

10. *Royal College of Science, Dublin.*—The reports of the Dean and Council, and of the secretary *pro temp.*, will be found in Appendix H., page 601.

The courses of instruction as described in the Directory of the College were carried out; the lectures being attended by 85 persons, of whom 24 were associate students prosecuting the full three years' course with the view of obtaining the diploma of associate. Courses of evening lectures were also given, and were attended by 681 persons.

The distinctions gained by the students give evidence of the high character of the instruction afforded in the Royal College of Science, and it is greatly to be regretted that this institution, which might be so useful to the country, does not receive greater local support.

II.—ART DIVISION.

Aid given towards the Promotion of Instruction in Elementary Drawing as a Part of National Education, and in Fine Art as applied to Industry.

National Art Training School.

11. During the year 1881–82, 39 students in training to become Art Teachers and 16 national scholars in training to become designers or Art workmen, received allowances to enable them to study in the School and Museums. Most of these were selected from Provincial Schools. The number of students admitted on payment of half fees was 38; and 114 others, including the students in training, the National Scholars, and 13 men of the corps of Royal Engineers, received gratuitous instruction.

At the annual examinations for advanced or third grade Art certificates, held in 1882, 22 students of the Training School obtained 24 certificates qualifying the holders of them to earn payments from the Department as Teachers in Schools of Art.

The fee-paying students of the school won 1 gold, 6 silver, 11 bronze medals, and 17 Queen's prizes in the National Competition, besides 116 third grade prizes for works sent in for examination. The students in training and national scholars won in the same competition 2 gold medals, 8 silver medals, 20 bronze medals, and 24 Queen's prizes of books.

The total number of students was 728, of whom 327 were males and 401 females (being a decrease of 31 on the number in the previous year); and the fees received amounted to 3,247*l.* 3*s.*, the day students paying 2,978*l.* 14*s.* and the evening students 268*l.* 9*s.*, showing an increase of 180*l.* 14*s.* on last year.

Schools of Art.

12. New Schools of Art have been established during 1882, at Canterbury, Chelsea, Dundee, Hornsey, Huddersfield, Peterborough, Scarborough, Stoke Newington, Tiverton, and Weston-super-Mare, and a branch class at Darlington. The total number of Schools of Art in operation throughout the kingdom was 169, and 13 branch classes. The total number of students in these schools and their branch classes was 33,729, as against 160 schools 11 branch classes and 31,592 students in 1881.

At the annual examination in April 1882, 21,291 students submitted 211,748 drawings or models; the corresponding numbers in 1881 having been 19,940 students, and 197,048

works, so that the annual increase reported in previous years is still maintained. In this examination 18,745 students, on account of whose instruction payments were made to the committees of the Schools, were of the industrial classes. The annual examinations in 2nd grade drawing were attended by 11,716 students of Schools of Art, of whom 5,501 were successful, and 1,517 obtained prizes, showing increases of 980 and 337 respectively.

Fees paid by Students in Schools of Art.

The amounts of the fees paid by students in Schools of Art and of the payments on results in the last three years are respectively as follows:—

	1880.	1881.	1882.
Fees -	36,467*l.*	35,452*l.*	39,198*l.*
Payments -	17,091*l.*	16,415*l.*	16,978*l.*

National Competition.

13. The number of works selected for the National Competition was 1,313, composed of drawings from the antique, designs, and studies in light and shade or colour; being 95 more than in 1881, when the number was 1,218.

The Report of the Examiners will be found in Appendix D., page 484

Art Classes.

14. The number of students was 21,215 in 545 classes, the corresponding numbers in 1881 having been 23,026 in 584 classes, and in 1880 26,646 students in 632 classes. The decrease in 1881 and 1882 is chiefly due to the requirement of higher qualifications on the part of Art Class Teachers, and to some of the larger Art Classes having been each year converted into Schools of Art. The number of students in Art classes who attended the 2nd grade examination in May 1882 was 9,988, of whom 3,248 passed the examination, and 767 obtained 2nd grade prizes; while 341 obtained prizes for works sent up for inspection. The total number of works sent up from Art Classes for the examination in April was 157,583 by 12,165 students, as against 168,720 works and 13,187 students in 1881. The total amount granted to Art Classes was 5,840*l.* 5*s.*, including the cost of prizes and aid towards the purchase of Art examples. The corresponding total in 1881 was 5,775*l.* 2*s.* 6*d.*

Science Classes.

15. From 282 Science classes 63,401 works by 5,802 students were sent to the Department for examination in May 1882; 136 of these students obtained prizes, and the total amount granted by the Department in aid of art instruction in such classes was 1,902*l.* 3*s.* 10*d.*, the corresponding totals for 1881 being 260 classes, 57,692 works

sent up by 5,092 students, of whom 203 obtained prizes, and 2,049*l.* 12*s.* 8*d.* was the total amount of the grants.

Unaided Schools and private students.

16. Examinations in elementary drawing, for prizes and certificates only, were held in 157 schools unaided by payments from the Department. 2,074 pupils of these schools were examined in 1st grade drawing, and 3,912 in 2nd grade. Besides these pupils of schools, 5,937 candidates not belonging to any school or class connected with the Department, were examined in 2nd grade drawing. Of the total number of 11,923 candidates on account of whose examination no payments have been made 3,332 were successful, and 613 obtained prizes at a cost of 293*l.* 19*s.* 8*d.*

Elementary Schools.

17. In 4,812 elementary schools 842,100 children and pupil-teachers were taught drawing, and 572,188 children and 12,373 pupil-teachers were examined at the annual examinations in 1881–82. These numbers, compared with those of 1880–81, present a decrease of 285 schools, 8,463 children taught, and 59,520 children and 1,255 pupil-teachers examined. The total amount of the grants on results in Elementary Schools in 1881–82 was 31,304*l.*, showing a decrease of 322*l.* on the amount granted in the previous year.

The apparent decrease in the number of schools and children is chiefly due to the operation of the new rule referred to in our last Report (p. xiii, par. 14) under which these examinations of elementary schools are no longer held simultaneously, but from time to time throughout the year; and as this rule only came into force late in October 1881, and the school year, for this purpose, ends on 31st August, the numbers given in this Report and in Table A. at p. 356 of the Appendix are for ten months only.

Training Colleges for Elementary School Teachers.

18. At the examination of 48 Training Colleges, in November, 939 students in training, teachers, and pupil-teachers obtained certificates for drawing. The total amount granted to the Training Colleges was 1,188*l.* 10*s.*, being 26*l.* 10*s.* less than in 1881, when the total was 1,215*l.*

Grants towards cost of examples, apparatus, and fittings.

19. The sum granted in 1881 towards the cost of purchasing Art examples, &c. was 1,246*l.*, and in 1882, 1519*l.*, showing an increase of 283*l.* in the latter year.

Total number of persons instructed.

20. The grand totals of persons taught drawing, painting, or modelling through the agency of the Department, have been as follows during the last three years:—

1880.	1881.	1882.
837,308	917,101	909,216.

Payments on Results of Examinations.

21. The following table shows the number of separate payments made on the results of examination:—

Nature of Payments.	1880.	1881.	1882.
1st Grade.—1*s.*, 1*s.* 6*d.*, 2*s.* 6*d.*, and 5*s.* on account of children taught and examined in Elementary Day Schools.	566,308	427,592	425,528
2nd Grade.—10*s.* on account of students in Schools of Art and Art Classes; Pupil-Teachers in Elementary Day Schools, and students in Training Colleges.	19,758	14,316	15,624
Local Advanced Art Examination, 1*l.*, 2*l.*, or 3*l.* per student successful.	289	166	234
3rd Grade.—15*s.* on account of elementary works executed in Schools of Art, Art Classes, and Science Classes.	3,717	3,157	2,425*
3rd Grade.—20*s.* on account of advanced works executed in Art classes.	78	82	54
3rd Grade.—40*s.* on account of advanced works executed in Schools of Art and in Science Classes.	1,130	1,018	1,014*
3rd Grade.—3*l.* on account of free studentships in Schools of Art.	150	166	171
3rd Grade payment of 5*l.* for each student prepared for a National Scholarship.	4	4	6
3rd Grade payment of 5*l.* for each student obtaining an Art Class Teacher's Certificate.	—	15	24
3rd Grade Certificate. — 10*l.* for each student obtaining an Art-Teacher's Certificate.	33	30	10
Total - -	591,467	446,546	445,090

* These are the numbers of those students who earned full payments under the rules of the Directory, with the addition of one payment to each school for those students who earned less than the full grant.

22. Further details relating to instruction in Art are given in the Report of Mr. H. A. Bowler, at page 346, and in the Tables, &c. which follow it.

III.—SOUTH KENSINGTON MUSEUM.

The buildings.

23. The Architectural Court which was completed and opened in the summer of 1873 provided for the reception of several large objects, and permitted the whole of the reproductions in plaster, &c., to be grouped together. Since 1876 new buildings have been in progress, designed to provide accommodation for the Libraries and for some portions of the Art Museum collections. These buildings were not

completed until the close of 1882, and the furniture and fittings have still to be provided.

Portions of the Museum collections have continued to be exhibited in the buildings surrounding the Horticultural Gardens, chiefly the property of H.M. Commissioners for the Exhibition of 1851. Various changes have, however, occurred during the period in the appropriation of these buildings. A considerable portion of the southern range has been given up for the use of the National Portrait Gallery, and the Eastern Gallery with the Indian Collections have been transferred to the Department.

Electric Lighting.

24. After several preliminary experiments the use of the electric light was introduced in 1880, and it has so far proved satisfactory. The saving in cost as compared with gas has been considerable, while the absence of heat and noxious fumes is a most important consideration in its favour for use in a public gallery. One of the courts (that in which is Sir F. Leighton's fresco, "The Arts of War"), the temporary Art Library, and several of the rooms upstairs are at present lighted by it, and it will be applied to other parts of the Museum as soon as the necessary arrangements can be made.

The Art Museum.

25. At the end of 1872 the number of original objects in the Art Museum acquired by gift, bequest, or purchase was 20,186, and the sum expended in their purchase had been 186,928*l.* 0*s.* 1*d.* At the end of 1882 the number of objects is 33,561, while the total sum expended in purchases has been 266,987*l.* 3*s.* 8*d.*, showing an increase in the number of objects of 13,375. Of these the gifts and bequests received during the 10 years number 3,748, and the purchases 9,627, for which the sum of 80,059*l.* 3*s.* 7*d.* has been paid.

Gifts and bequests.

26. Among the gifts and bequests to the Art Museum we may refer again to four recorded in previous reports, that of Mr. William Smith, already a liberal benefactor of the Museum, who in 1876 bequeathed 136 water-colour drawings of the English school, thus strengthening an important section almost entirely made up of free gifts to the nation. In 1877 the Shah of Persia, after a visit to the Museum, sent a collection of carpets and other textile fabrics in illustration of the modern Industrial Arts of his empire. In 1878 Mr. George Mitchell bequeathed 121 snuff boxes, several other objects in precious metals, and 15 oil paintings. In 1881 the Under Secretary of State for the Fine Arts in France presented, in the name of his Depart-

ment, some fine examples of modern Sèvres porcelain and tapestry from the National manufactories.

The year just closed has seen the important addition to the collections of the Jones bequest, of which details are given in the Director's report in the Appendix p. 512. As is there pointed out, this bequest enables the Museum to make a worthy representation of the Industrial Arts of France in the eighteenth and the closing years of the seventeenth century, good examples of which are so eagerly competed for whenever they come into the market, that the Parliamentary grants at our disposal for purchases would have been wholly insufficient for the purpose. Indeed in one class, that of Sèvres porcelain, the only important examples which the Museum has had to exhibit were those which, by Your Majesty's gracious permission, were lent from Buckingham Palace.

The bequest of Mr. Arthur Wells of his fine collection of carved jade, crystal, &c., also received in 1882, is a valuable addition to the Chinese division of the Museum, hitherto weak in this class of Art workmanship.

Loans.

27. As in former years, the Museum has been largely indebted to the generosity of owners of fine examples of Art for numerous important loans. Several special Loan Exhibitions have also been held: in 1873 one of Decorative Art Needlework; in 1874, enamels on metal; in 1881, Spanish and Portuguese Art and in 1882, Danish, Swedish, and Norwegian Art. From 1877 to 1880 the space usually assigned to these exhibitions was occupied by Dr. Schliemann's collection from his excavations at Hissarlik in the Troad.

Purchases.

28. Under the head of purchases occasion has been taken to strengthen various subdivisions. With the valuable aid of Colonel Murdoch Smith, a very complete series of illustrations of all branches of Art in Persia from the tenth to the eighteenth century has been secured; some fine specimens of ancient carved window screens and other woodwork from Cairo and a complete room from Damascus have also been acquired. Japanese Art, chiefly in bronze and pottery, very imperfectly represented before 1873, is now an important section. Mediæval goldsmiths' work, Limoges enamels, Spanish metal work and textiles, and English plate have also been largely added to, and the already large collection of Italian sculpture in marble and bronze has been enriched by several remarkable examples.

Reproduction.

29. Many important additions, numbering altogether 475 examples, have been made during the last ten years to the series of electrotype reproductions of gold and silversmiths' work. To various colleges at Oxford and Cambridge, to Inns of Court, City Companies, and provincial corporations, we have been greatly indebted for permission to take copies of some of the finest existing examples of English plate of the fifteenth to the eighteenth centuries, not merely for exhibition in the Museum, but for loan to provincial museums, &c. By facilities rendered by various corporations in Holland and by H.M. the King of Portugal, the Academy of Fine Arts in Lisbon, and various ecclesiastical authorities in Portugal, we have also been enabled to add copies of fine examples of goldsmiths' work in those countries. The large group of reproductions from Russia mentioned in our 28th Report as about to be undertaken will not be completed until the summer of 1883. Copies of plate in Denmark, Norway, and Sweden are also in progress.

Gallery of Casts.

30. In our last report we stated that we had taken measures for carrying out the long projected gallery of casts of ancient classical sculpture. A small but fairly complete series of casts has now been acquired under the advice of the Committee then referred to, and a portion of the new buildings has been appropriated for their exhibition. This, it is hoped, will be opened in the course of 1883. Mr. Walter C. Perry, to whose knowledge and exertions the collection owes so much, has been invited to prepare a descriptive catalogue.

Indian Section.

31. In our 27th Annual Report, that for 1879, we recorded the circumstances under which the great collection representing the Arts of the Indian Empire and occupying the range of buildings on the Eastern side of the Horticultural Gardens, had been by the Secretary of State for India in Council transferred to the Science and Art Department, henceforth to form an integral part of the South Kensington Museum. Since the re-opening of these galleries by Your Majesty on 15th May 1880, a large addition, chiefly illustrating Indian Art at the present day, but also comprising some remarkable examples of domestic architecture, has been acquired, for which space cannot as yet be found in the galleries. We have therefore directed that a portion of the new buildings shall for the present be appropriated for a special exhibition of modern Indian Art and domestic architecture. In the acquisition of these we have had the hearty co-operation of the India Office, by which a considerable part of the cost has also been borne. We have

secured the aid of several gentlemen intimately acquainted with India as a committee of advice and reference for this section.

Art circulation.

32. It is, perhaps, under Art Circulation that the greatest advance in the action of the Museum has been made during the last 10 years. In each annual report for some years past its growing importance, and the increasing urgency of the claims of provincial museums and schools of Art for loans have been dwelt upon, and in 1880 we caused "A Report on the system of circulation of Art objects on loan "from the South Kensington Museum as carried on by the "Science and Art Department from its first establishment "to the present time" to be prepared, and this report was, by command of your Majesty, presented to both Houses of Parliament in the session of 1881 [C.—2836]. It is therefore unnecessary to give full details here. The minute of the 17th June 1880, extending the system of loans to corporation museums, has been found to work well. The tables in the Appendix, page 551, give a full summary of the results during 1882 of the whole system of Art Circulation, by which the advantages of the Museum collections are extended to every part of the Kingdom where any real desire exists to participate in them.

Paintings and Water-Colour Drawings.

33. The chief additions to Paintings and Water-Colour Drawings have been from the bequests already noted. A few typical examples of English Art have been purchased each year, and chronological arrangement has been more strictly observed by the amalgamation of the Ellison and Smith Galleries. Under this head may fitly be noticed the great fresco, "The Arts of War," by Sir Frederick Leighton, P.R.A., completed in 1879, one of the most important and attractive features of the Museum. The companion fresco, "The Arts of Peace," will be commenced by Sir F. Leighton this year.

National Art Library.

34. Each annual report has recorded the additions made to the various divisions of the National Art Library. The following is a summary:—

—	Up to 1 87 2.	1873 to 1882.	Total now in Library.
1. Books on Art - - -	36,000	21,887	57,877
2. Original drawings - - -	6,918	15,105	22,023
3. Prints, engravings of ornament, &c.-	35,193	46,341	81,534
4. Photographs - - -	39,439	18,711	58,150
	117,550	102,044	219,594

As the new building for the Art Library and Reading-room has now been completed we trust that it will be furnished and ready for use before our next Report is issued. The new rooms will be a great improvement on the present rooms, which, not having been built for the purpose, are not well adapted for a library and reading-room, and are, moreover, much overcrowded. The number of readers during the past 10 years has been 241,261, showing an average of 24,126 for each year.

Manuscript catalogues have been kept up to date, and several lists of books on special subjects have been prepared and printed for the use of Art students at prices from one penny upwards. Others are in progress. These, when completed, will form a classified catalogue of the whole collection.

All publications on Art, British and Foreign, have, as far as possible, been added to the library when issued; the older works necessary to complete the various classes into which the collection is divided being acquired as opportunity offers. Thus the series of the rare and artistic lace pattern books published in the 16th and 17th centuries has now been made one of the most complete existing in any public library. The collection illustrating early book ornament, initial letters, title pages, &c. has also become important, as has also that dealing with the works, now much sought for, of the book illustrators of the 18th century. A valuable collection of books, pamphlets, and illustrations of pageants, gathered during upwards of 20 years in the various countries where they appeared, was lately acquired. Works illustrating costume have also been sought for, and this series is now extensive and fairly complete.

35. *The Dyce and Forster Collections.*—The Library and collections bequeathed by the Reverend Alexander Dyce came into the possession of the Department on his death in 1869, and in 1876 it was announced that Mr. John Forster, his friend and executor, who died on the 1st of February in that year, had also bequeathed to the Museum his books, autographs, and other manuscripts, oil and water-colour paintings, and various other Art objects. As one of the conditions of each will is that the collection shall be kept distinct, arrangements were at once made for complying with this condition, and at the same time giving the public the fullest opportunities of benefiting by these munificent bequests. A suite of galleries opening into each other, has been provisionally appropriated to this object, and one room

has, since 1878, been fitted up as a reading-room. The total number of readers has been 10,059, giving an average of 2,012 per year. Full catalogues of the Dyce Library and collections were published in 1874. A catalogue of the Forster Library is in progress. A handbook on the two collections has also been issued.

Publications.

36. The publications have been enumerated in the annual reports. Large illustrated catalogues, with historical introductions, of the maiolica, furniture, and woodwork, bronzes, gold and silversmiths' work, glass vessels, water-colour drawings, musical instruments, fictile ivories, and Swiss coins (Townshend Collection), have been issued for the Department by the Stationery Office since 1873. In order to bring the information contained in these within the reach of all classes of Art students, a series of illustrated handbooks on various branches of Art has from 1875 onwards been issued by Messrs. Chapman and Hall, Limited, under our authority, several of which are based on the historical introductions of the catalogues already mentioned, while others are original works. Some Science handbooks in the same form have also been issued. These publications are sold at the catalogue stall in the Museum and in institutions connected with it at one shilling each. Thirty-three volumes have thus been published, and the sale has been considerable.

Educational Collections.

37. The Library and collections of school furniture and fittings, and other educational apparatus comprised under the Educational Division, were originally intended to form one group illustrating all appliances used in education, from models of buildings, examples of desks, seats, &c., to books for school use. They have, however, been widely separated owing to lack of suitable space. The Library has grown to dimensions far beyond what was at first contemplated. It at present contains 45,099 volumes. A table on page 522 shows the number under each subject. The present reading-room, the third since the formation of the division in 1857, though slightly built for temporary use, is fairly well suited to its purpose. The number of readers during the past 10 years has been 218,625, an average of 21,862 per annum. The collection of school furniture is at present crowded into very unsuitable quarters in the corridors, &c. of the Exhibition galleries, and when a better position can be found, it will require considerable revision. We have invited the co-operation of a committee of gentlemen conversant with educational requirements who will examine and report on this division.

Scientific Apparatus.

38. Full details of the Special Loan Collection of Scientific Apparatus which was opened by Your Majesty on 13th May 1876 were given in our 24th report. At its close on 31st December in that year many of the lenders, both English and Foreign, expressed their readiness to allow their contributions to remain on view. Among these were various Government Departments as the Hydrographic Department of the Admiralty, Greenwich Observatory, the Kew Committee of the Royal Society, the Ordnance Survey, the Telegraphic Department of the Post Office, and the Standard Departments of the Board of Trade. It was judged well that the important apparatus belonging to these, much of which is of great historic interest, should be deposited in some safe place where they can be readily seen by the public. To these were added the apparatus already in the possession of the Department, and of late some of the apparatus used in the classes of the Normal School of Science has been exhibited with the rest when not in actual use. The whole together makes up a large and important collection of great value to Science teachers and students, and from it examples are drawn for use in the Science schools; and loan collections are made up for exhibition in provincial towns: 53 such collections have been sent out. A report of a special committee on this collection appears in our 29th report, page 11 (Appendix), and in order to bring it more thoroughly into accordance with the work and requirements of the Normal School of Science we have requested the various professors to act as a permanent committee of advice and reference as regards the classification, arrangement, extension, and general improvement of the collection.

Type sets of apparatus for illustration of Science teaching are sent on loan for short periods to classes connected with the Department. During the last 10 years 269 loan collections have thus been sent out.

Building Materials.

39. In our 29th report, at page 13 (Appendix), appears a report by a special committee on Building Materials strongly recommending its maintenance, revision, and development. As yet no active measures have been taken to carry out these recommendations, as our continued tenure of the space in which it is deposited has been uncertain, but we hope shortly to be able to do so, and also to make better provision for its exhibition; and, meanwhile, we have secured the aid of a committee of gentlemen specially conversant with building and engineering to advise us in these respects.

Ship Models and Marine Machinery.

40. In the year 1873 the Royal School of Naval Architecture and Marine Engineering which had been carried on at South Kensington Museum under the administration of the Department for nine years, was transferred to the new naval college at Greenwich Hospital, and the Admiralty collection of naval models was also removed thither from the Museum. This collection had been largely supplemented by loans from ship building firms, &c., and so much interest attached to them that it was determined to continue their exhibition. At present we have loans from 256 contributors of above 1,500 models connected with every branch of ship building. Here, again, we have invited the co-operation of a small committee of gentlemen interested in naval architecture, and with their assistance we hope to be able still further to extend and improve the collection and to render portions of it available for circulation to seaport towns, &c.

Buckland Museum.

41. The Buckland Museum of Economic Fish Culture, which had been under the personal direction of its founder from the time of its first arrangement in the exhibition galleries until his death on 19th December 1880, was by him bequeathed to the Department, with the reversion after the death of his widow of a sum of 5,000*l.* to form an endowment for a professorship of economic fish culture. The Museum has hitherto been kept as nearly as possible in the state in which it was left by Mr. Frank Buckland, and we propose that it shall so remain during the approaching Fisheries Exhibition in the adjoining gardens. After this we hope, with the assistance of a committee of advice and reference which has been appointed, to revise and develop the collection.

Number of Visitors.

42. The visitors to the Museum during the 10 years, 1873 to 1882, have numbered 9,415,038, an average of 941,503 per year.

Bethnal Green Branch Museum.

43. From the opening of this Museum on 24th June 1872 till early in 1875 its main attraction consisted in the magnificent collection of paintings and works of Art so generously lent for exhibition to the people of East London by Sir Richard Wallace. Since this collection was returned to its owner the space thus vacated has been mainly occupied by various loans, among which may be mentioned the Indian presents of H.R.H. the Prince of Wales, the paintings forming the Dulwich Gallery, a special Loan Collection of

Furniture held in the summer of 1878, and an extensive Collection of Oriental pottery belonging to Mr. A. W. Franks. The whole of the ornamental iron work from the South Kensington Museum was also sent there for a time in 1879, and in 1880 the whole of the examples of industrial Art workmanship of modern date (from 1850 onwards) acquired from the various International Exhibitions was transferred there, and still occupies the Central Court. A gallery of oil paintings, 264 in number, has recently been lent for exhibition by the Marquis of Bute. The Lane-Fox collection of pre-historic and savage Art was also shown in one of the lower galleries until its removal to South Kensington.

The collections illustrating food, animal products, and economic entomology, originally at South Kensington, occupy the remaining portions of the building. These have been thoroughly revised and much extended, and their practical value has been increased by the publication of handbooks. We have appointed committees of advice and reference on each of these divisions.

The visitors to Bethnal Green Branch Museum during the 10 years 1873 to 1882, have numbered 5,535,868, an average of 553,586 per year.

V.—Museums in connexion with the Science and Art Department, supported by the State.

Museum of Practical Geology.

44. *Museum of Practical Geology.*—Lists of the donations to the Museum and Library are given at page 579, Appendix F. The curator of the Museum reports that the number of visitors during the year was 46,356, viz., 26,452 in the morning, and 19,904 in the evening. In 1881 the total number amounted to 44,065.

Palæontological Department.

The report on the Palæontological Department will be found at page 572, Appendix F.

Edinburgh Museum.

45. *Edinburgh Museum of Science and Art.*—The attendance during the year of students who use this Museum for educational purposes has been most satisfactory. The number of visitors during the year amounted to 346,471. Details will be found in the Director's report at page 587, Appendix G.

Natural History Collections.

The report on the *Natural History Collections* by Dr. Traquair, with lists of purchases, &c., will be found at page 597. The additions to these collections, both by purchase and gift, were of an important character.

Science and Art Museum, Dublin.

46. *Science and Art Museum, Dublin.*—The report of the Director of the Science and Art Museum, which includes the Natural History Museum, the Botanic Gardens at Glasnevin, and the Dublin Metropolitan School of Art will be found at p. 607, Appendix I. It states that the number of visitors to the Museums during the year amounted to 186,723, being an increase of 580 on the attendance in the previous year. The Botanic Gardens at Glasnevin are stated to have been in a most satisfactory condition; the number of visitors for 1882 is 298,266, being an increase of 48,355 on the previous year.

Many valuable plants have been added to the gardens by purchase and the system of interchange.

The report of the Board of Visitors will be found at page 623, Appendix J.

National Library of Ireland.

47. The report of the Council of Trustees of the National Library of Ireland will be found at page 626, Appendix K. There were, in 1882, 35,836 readers in the Library, being an increase of 1,214 on the previous year.

VI.—Geological Survey of the United Kingdom.

Area surveyed.

48. *Extent of Area surveyed.*—The Director-General of the Geological Survey, Professor Geikie, reports that the total area surveyed in England and Wales during the past year amounts to 1,144½ square miles, a decrease of 695½ square miles as compared with the return for 1881; and in addition 590 square miles have been re-surveyed; in Scotland 563¾ square miles, being a decrease of 242¼ square miles upon the number for 1881; and in Ireland 705 square miles of fresh ground, have been surveyed, being an increase of 205 square miles as compared with 1881, and in addition 401 square miles have been revised. The total area for the United Kingdom, exclusive of the 991 square miles re-surveyed in England and Ireland, amounts to 2,413¼ square miles, or 732¾ square miles less than in 1881.

Maps.

49. The index maps at page 574, Appendix F., show the present state of the survey throughout the United Kingdom. The preparation and publication of maps and memoirs have been continued. Full details of the progress made will be found in the Director General's report at page 567, Appendix F.

Mining Record Office.

50. A list of the plans, &c. deposited in the Office during the year is given at page 574, Appendix F.

VII.—Institutions and Societies which receive Aid from the State, through the Science and Art Department.

Solar Physics.

51. *The Committee on Solar Physics.*—The Astronomer Royal has at our request joined this committee, of which the members already serving were Professors Stokes and Balfour Stewart, General Strachey, Mr. Norman Lockyer, Captain Abney, and Colonel Donnelly. A report by this committee has been presented to both Houses of Parliament and published.

Royal Zoological Society of Ireland.

52. *Royal Zoological Society of Ireland.*—The number of visitors to the gardens was 125,598, and the receipts for admission were 1,611*l.* 18*s.* 10*d.* Some valuable additions were made by purchase. The report of the Council is given at page 629, Appendix L.

Royal Hibernian Academy of Arts.

53. *Royal Hibernian Academy of Arts.*—The annual exhibition of works was held from March to June, and was attended by 29,174 visitors, being a decrease of 4,314 on the previous year. The report and financial statement of the Council will be found at page 631, Appendix M.

Agriculture.

54. Professor Tanner having offered to deliver a course of lectures on the Principles of Agriculture, free of expense to this Department, to teachers in elementary schools and their assistants, the lecture theatre at the Museum of Practical Geology, Jermyn Street, was placed at his disposal on certain Saturdays for this purpose. Professor Tanner subsequently delivered similar lectures in various parts of England and Wales, his travelling expenses only being defrayed by the Department. He reports that both in London and in the provinces great interest was taken in the subject of his lectures.

Munich Electro-technical Exhibition,

55. In accordance with a request, transmitted through the Foreign Office, from the Bavarian Government for the participation of this country in a series of electro-technical experiments to be held at Munich in September, we caused the holding of these experiments to be made known to the Royal Society, the Society of Telegraph Engineers and Electricians, and other scientific societies.

Australian Exhibitions, 1879-1880.

56. On the termination of the Australian Exhibitions, a set of examples illustrative of the stages of instruction

followed in Schools of Art aided by the Department was presented to each of the colonies of Victoria, New South Wales, and South Australia.

Berlin Art Exhibition, 1881-2.

57. In accordance with a request addressed to the Lord President by Her Imperial and Royal Highness the Crown Princess of Germany, a selection of examples from the Indian Section of the South Kensington Museum was lent to the Exhibition held in connexion with the opening of the Art Museum at Berlin.

Paris Union Centrale des Arts Décoratifs. Exhibition of Woodwork, Paper, and Textiles.

58. At the request of the Authorities of the Union Centrale, conveyed through the French Ambassador at this Court, a loan was made from the South Kensington Museum to the Exhibition of Woodwork, Paper, and Textiles of a selection of objects, which attracted general attention, and were much appreciated.

Scandinavian Exhibitions.

59. Art Exhibitions were held in the course of the year at Stockholm and at Copenhagen, to which contributions were sent by this Department.

VIII.—Summary.

Attendance at Schools and Classes of Science and Art.

60. The numbers of persons who have during the year 1882 attended the schools and classes of Science and Art in connexion with the Department, are as follows, viz.:—68,581 attending Science schools and classes in 1882 as against 61,177 in 1881, and 909,216 receiving instruction in Art, showing a decrease upon the previous year of 481. The decrease is owing to a change of date for the examination in drawing of elementary schools as explained in § 17 page xiii.

61. At the Normal School of Science and Royal School of Mines there were 39 regular and 173 occasional students; at the Chemical Department, Science Schools, 78 students; at the Metallurgical Laboratory, 31 students. At the Royal College of Science for Ireland there were 24 associate or regular students, and 61 occasional students.

Lectures.

62. The lectures delivered in the Lecture Theatre of the South Kensington Museum were attended by 5,207 persons. The evening lectures to working men at the Royal School of Mines were attended by 1,732 persons, being 260 more than last year; and 256 Science teachers attended the

special courses of lectures provided for their instruction in the new Science schools at South Kensington.

63. The various courses of lectures delivered in connexion with the Department in Dublin were attended by about 766 persons.

64. The total number of persons, therefore, who received direct instruction as students, or by means of lectures, in connexion with the Science and Art Department in 1882, is 986,085, showing an increase of 1,235 as compared with the number in the previous year.

Libraries.

65. The attendance at the Art and Educational Libraries at South Kensington and at the National Library of Ireland in 1882 has been 85,837, or an increase of 888 over that of last year.

Number of Visitors at Museums.

66. The museums and collections under the superintendence of the Department in London, Dublin and Edinburgh, were last year visited by 2,476,049 persons, showing an increase of 11,511 on the number in 1881. The number of visitors to the South Kensington Museum shows a decrease of 55,298, the numbers being 1,017,024 for 1881, and 961,726 for 1882.

Local exhibitions.

67. The returns received of the number of visitors at the Local Art and Industrial Exhibitions, to which objects were contributed from the South Kensington Museum, show an attendance of 1,553,083.

Total attendance.

68. The total number of persons who during the year 1882 attended the different institutions and exhibitions in connexion with the Department, has been upwards of 5,015,217. This total, compared with that of the previous year, presents an increase of 203,959 persons.

Expenditure.

69. The expenditure of the Department during the financial year 1882–83, exclusive of the vote for the Geological Survey, which was 18,536*l.* 17*s.* 4*d.*, amounted to 326,826*l.* 17*s.* 3*d.*

70. As thirty years have now elapsed since Your Majesty was graciously pleased, in Your Majesty's Speech from the Throne at the opening of the Parliamentary session in the year 1853, to indicate that a comprehensive scheme for the advancement of the Fine Arts and of Practical Science would in that year be submitted to Parliament,

we have deemed this to be a fitting opportunity for submitting to Your Majesty a statement, showing the progress and development of the Department during that period. This paper immediately follows our Report.

All which is humbly submitted to Your Majesty.

South Kensington, this 21st day of May 1883.

L.S.

(Signed) CARLINGFORD.
A. J. MUNDELLA.

(Signed) J. F. D. DONNELLY,
Assistant Secretary.

HISTORY

OF THE

SCIENCE AND ART DEPARTMENT OF THE COMMITTEE OF COUNCIL ON EDUCATION.

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HISTORY

OF THE

SCIENCE AND ART DEPARTMENT OF THE COMMITTEE OF COUNCIL ON EDUCATION SINCE ITS CREATION.

Origin of Department.

Committee of House of Commons, 1835.

Recommendation.

First Estimate for School of Design.

Council of the School of Design.

Opening of School of Design, 1837.

Annual Grant to provincial Schools of Design.

Central School of Design

1. In the year 1835 a Select Committee of the House of Commons was appointed on the motion of Mr. William Ewart, M.P. for Liverpool, "to inquire into the best means "of extending a knowledge of the Arts and of the Prin- "ciples of Design among the people, especially the manu- "facturing population of the country." The inquiry was continued in the session of 1836, and the Committee recommended the establishment of Schools of Design. In accordance with this recommendation a proposal was made to the Treasury by the Lords of the Committee of Privy Council for Trade, dated 11th July 1836, that a sum of 1,500*l.* should be taken in the Estimates for the establishment of a Normal School of Design with a Museum and Lectures. The Treasury having consented, the President of the Board of Trade (Mr. Poulett Thompson) presided at a meeting, held on the 19th December 1836, at the Board of Trade, of certain Royal Academicians and others interested in Art, which provisional body, early in 1837, was constituted the "Council of the Government School of Design," the members being unpaid, and the Vice-President of the Board of Trade being an *ex officio* member of the Council. Rooms in Somerset House which had formerly been occupied by the Royal Academy were granted to the Provisional Council, and the School opened on the 1st of June 1837. In 1841 the Government decided to afford assistance towards the formation and maintenance of Schools of Design in the manufacturing districts, giving an annual grant for the training and payment of teachers, for the purchase of casts, and the preparation of models for the use of those Schools.

2. In 1842 the Board of Trade reconstituted the Council, increasing the number of members to 24, and placed the School of Design under the management of a Director, con-

trolled by the Council, which body was itself to be controlled by the Board of Trade. The Parliamentary Vote for "Schools of Design" which was administered by that Department had increased in 1851–2 to 15,055*l.*: the branch schools in such centres of industry as Manchester, Birmingham, Glasgow, Leeds, and Paisley were then seventeen in number, the expenditure on them absorbing nearly one half of the vote.

placed under a Director.

Vote administered by Board of Trade.

3. An inquiry into these schools by a Select Committee of the House of Commons in 1849 showed that they were not working satisfactorily. New principles of management were therefore adopted in 1852 by the President of the Board of Trade, Mr. Labouchere, and subsequently Mr. Henley. The Council was abolished, and a "Department of Practical Art" was constituted, with a General Superintendent (Mr. Cole) and an Art adviser (Mr. Redgrave). The scope of this Department was enlarged in 1853 by the Government of Lord Aberdeen, Mr. Cardwell being then President of the Board of Trade.

Constitution of Department of Practical Art.

4. In the Speech from the Throne at the opening of Parliament that year Her Majesty stated that, "The "advancement of the Fine Arts and of Practical Science "will be readily recognised by you as worthy the atten- "tion of a great and enlightened nation. I have directed "that a comprehensive scheme shall be laid before you, "having in view the promotion of these objects, towards "which I invite your aid and co-operation." A Science division was added and the "Department of Science and Art" was created. The title of the Chief Executive Office was successively changed to "Joint Secretary (with Dr. Playfair), and Inspector," and "Inspector General."

Reference to Department in Speech from the Throne, 1853.

Creation of Department of Science and Art.

5. The Department remained under the control of the Board of Trade until 25th February 1856, when by an Order in Council the Education Department was constituted to include, "*a.* The Education Establishment of the Privy "Council Office; *b.* The Establishment for the encouragement of Science and Art, now under the direction of the "Board of Trade and called the Department of Science "and Art," and these two Departments were placed under the Lord President of the Council, who was to be assisted by a Vice-President of the Committee of Council on Education. The title of the Chief Executive Officer was altered to Secretary and General Manager, and subsequently to Secretary of the Science and Art Department and Director of the South Kensington Museum.

Re-constitution of Education Department.

6. On the retirement of Sir Henry Cole, K.C.B., in May 1873, the then Assistant Secretary and Accounting Officer

(Mr. MacLeod) was made an Assistant Secretary of the Education Department and Principal Officer at South Kensington, Directors of the Science, Art, and Museum Divisions being at the same time appointed, and the Secretary of the Education Department, Sir F. Sandford, K.C.B., was made Secretary, and given executive control, of the Science and Art Department.

7. On Mr. MacLeod's retirement in December 1881, the then Director of the Science Division (Colonel Donnelly) was appointed an Assistant Secretary of the Education Department and Chief Executive Officer at South Kensington, retaining the Directorship for Science. He was also appointed Accounting Officer of the Science and Art Department.

8. The Parliamentary Vote for 1856–7 was 64,675*l.*, while that for 1882–3 was 351,400*l.* The various stages of this development will be indicated hereafter. From 1856 to 1870 the grant for buildings was taken with the general vote for the Science and Art Department. Since 1871 it has been taken by H.M. Office of Works.

(*a.*) *The Science Division of the Department.*

Origin.

1. When the Department was enlarged in 1853 so as to embrace Science as well as Art, the Board of Trade submitted to the Treasury, at the suggestion of the First Lord, a detailed scheme with which the Treasury concurred for carrying into effect the announcement in the Queen's speech which has been already quoted. The scheme, dated 16th March 1853, provided for an extension of a system of encouragement to local institutions for Practical Science similar to that already commenced for Schools of Practical Art, by the creation in "the Metro-"polis of a Science School of the highest class capable "of affording the best instruction and the most perfect "training" and by aiding in the establishment of local institutions for Science instruction, such institutions being made as largely self-supporting as possible.

Fusion of various Institutions.

2. It also united in one Department, under the Board of Trade, the Government School of Mines and of Science applied to the Arts, the Museum of Practical Geology, the Geological Survey, the Museum of Irish Industry, and the Royal Dublin Society; all these institutions being in the receipt of Parliamentary Grants.

Administration.

3. Until the end of 1854 there was a separate Secretary *for* Science (Dr. Lyon Playfair) who discharged also the *functions* of Inspector of Local Schools. It being found

inconvenient in practice that the duties of Inspector and Secretary should be united in the same individual, Mr. Cole was appointed Inspector-General, Dr. Playfair becoming sole Secretary. He was afterwards made Inspector-General for Science, a position which he retained until his resignaton in 1858. This office then fell into abeyance; and its duties were carried on by Captain Donnelly, R.E., who was appointed Inspector of Science in December 1859. The head of the Science Division was in 1866 given the title of Official Inspector for Science, and in 1874 that of Director for Science.

Aid to Schools and Teachers.

4. Though the principle of granting aid to Science Schools and Classes was established in 1853 no general system, applicable to the whole country, for making grants was formulated until 1859. Experiments were made and schools were established by special Minutes applicable to each case after negotiation with the locality. The general arrangements were that the teacher or teachers received an allowance, in the nature of a certificate allowance; and their incomes from fees, subscriptions, &c., were guaranteed by the Department for a certain number of years at amounts which varied in different cases. In this way classes were opened at Aberdeen, Birmingham, Bristol, Barking, Leeds, Newcastle-on-Tyne, Poplar (a Trade School in connexion with the Navigation School), Stoke-on-Trent, St. Thomas' Charterhouse, Truro, Wigan, and Wandsworth. But after a short time many of them fell through. And in 1859 the only places where Science classes, irrespective of the Navigation Schools, were being carried on under the Department were Aberdeen, Birmingham, Bristol, and Wigan. The number of persons attending these classes was 395. In that year (1859), the late Marquis of Salisbury being Lord President, the first general Science Minute was passed. This enabled any place to establish Science classes and to obtain State aid according to certain fixed rules.

Science Classes.

Minute of 1859.

Subjects first aided.

5. The subjects towards instruction in which aid was obtainable were at first only the following six:—

1. Practical, Plane, and Solid Geometry, with Mechanical and Machine Drawing.
2. Mechanical Physics.
3. Experimental Physics.
4. Chemistry.
5. Geology and Mineralogy.
6. Natural History, including Zoology and Botany.

Qualification of teachers.

6. The teachers were required to have passed the examination of the Department and obtained a certificate of

Nature of aid.

competency to teach. The aid consisted of certificate allowances, earned by passing a certain number of pupils; additional payments for pupils who obtained prizes; grants towards the purchase of apparatus, books, &c.; and prizes and medals to the students.

Navigation Schools.

7. The Navigation Schools remained on a somewhat different system for some years, but eventually they were put on the same footing as ordinary Science classes, the subjects of instruction in them being added to the list of ordinary Science subjects.

Examination for teachers.

8. The first examination for teachers was held in November 1859. A number of new Schools and Classes were rapidly formed, so that in May 1861 at the first general and simultaneous Examination of Classes there were 38 classes with 1,330 pupils, irrespective of some 800 pupils in classes not under certificated teachers.

Classes in 1861.

In 1862, '72, and '82.

9. The progress since that date will be seen from the following table, giving the numbers at the three decennial periods:—

1862	70	Schools	with	2,543	pupils	in 140	classes.
1872	948	„		36,783	„	2,803	„
1882	1,403	„		68,581	„	4,881	„

Payments on results.

10. The payments on results in 1872 amounted to 25,201*l.*, and in 1882 to 49,908*l.*, or at the rate respectively of 13*s.* 8*d.* and 13*s.* 3*d.* per student under instruction. Payments were made to Committees on account of the instruction given by 1,857 teachers. Of the students examined in 1882, 4,333 were from classes under the Department, while 7,290 were external candidates.

Abolition of special examinations for teachers.

11. In 1867 the special examination for teachers' certificates was abolished, and it was decided that any person who passed in the advanced stage, or in honours, at the ordinary general examination in May should be qualified to earn payments on results. In that year 212 Science Schools were examined, 8,437 papers were worked, 6,120 were passed, and 10,230 individuals were under Science instruction.

Whitworth Scholarships.

12. Mr. (now Sir Joseph) Whitworth, in 1868, founded 30 scholarships of the total value of 3,000*l.* a year, and vested them in the Lord President or other Minister of Public Instruction for the time being, for the purpose of promoting the mechanical industry of this country by aiding young men in acquiring proficiency in Engineering. Scholarships and Local Exhibitions in aid of local efforts had been founded by the Department in the previous year

with a view to assist students who showed an aptitude for Scientific instruction.

Building Grants.

13. Building grants were first extended to Science Schools in 1868.

Grants towards Laboratory Instruction.

14. In 1870 the Department commenced the system of special grants towards laboratory instruction with extra payments on account of the practical work of students. These are now given both in Chemistry and Metallurgy.

Present system of aid.

15. Under the present system of aid, payments are made on the results of instruction as tested by the May Examinations of the Department. The papers of questions for this examination are prepared by a staff of examiners and the answers are examined by them with the aid of assistants who are paid by piece work on a scale approved by the Treasury. The examinations in each subject are held simultaneously and supervised as far as possible by the Local Committees. As the number of classes and examinations multiplied rapidly it was found that this was too great a strain on local voluntary effort in the large centres, and a system of paid Special Local Secretaries and Assistants, nominated by the Local Committees, was commenced in 1870. This has been found to work well, the payment being provided half by the locality and half by the Department.

Special Local Secretaries.

Training Colleges examinations.

16. In 1878 it was considered desirable for various reasons to separate the examination of the students in Training Colleges from the ordinary May examinations. Special rules and payments were made for these, and the first December examination was held in 1878.

Science Teachers.

17. The arrangements made from time to time for the training of Science Teachers will be found under the head of the Normal School of Science and Royal School of Mines, p. 337.

Rules for aid.

18. The rules under which grants are made to Science Schools, each of which must be under a properly constituted and approved Local Committee are contained in the "Science Directory." It is sufficient to state here that with additions and sub-divisions which have been made from time to time, such as Agriculture in 1876, the following are the several subjects of Sciences towards instruction in which aid is given :—

Subjects.

Subject 1. Practical, Plane, and Solid Geometry.
" 2. Machine Construction and Drawing.
" 3. Building Construction.
" 4. Naval Architecture and Drawing.

Subject 5. Pure Mathematics.
„ 6. Theoretical Mechanics.
„ 7. Applied Mechanics.
„ 8. Sound, Light, and Heat.
„ 9. Magnetism and Electricity.
„ 10. Inorganic Chemistry [Theoretical].
„ 10*p*. Inorganic Chemistry [Practical].
„ 11. Organic Chemistry [Theoretical].
„ 11*p*. Organic Chemistry [Practical].
„ 12. Geology.
„ 13. Mineralogy.
„ 14. Animal Physiology.
„ 15. Elementary Botany.
„ 16. } Biology, including Animal and Vegetable
„ 17. } Morphology and Physiology.
„ 18. Principles of Mining.
„ 19. Metallurgy [Theoretical].
„ 19*p*. Metallurgy [Practical].
„ 20. Navigation.
„ 21. Nautical Astronomy.
„ 22. Steam.
„ 23. Physiography.
„ 24. Principles of Agriculture.

Division of stages.

Each subject is subdivided into three stages or courses: —the Elementary, the Advanced, and Honours—except Mathematics, which is subdivided into seven stages, with "Honours" in three groups of stages.

Nature of assistance now granted by Department.

19. The assistance granted by the Science and Art Department is in the form of—

1. Public examinations, in which Queen's Prizes and medals are awarded, held at all places complying with certain conditions.
2. Payments on the results of examination and on attendance.
3. Scholarships and Exhibitions.
4. Building Grants, and grants towards the purchase of apparatus, &c.
5. Supplementary grants in certain subjects; and
6. Aid to teachers and students in attending the Normal School of Science and Royal School of Mines, South Kensington.

20. Payments are made on the results of the May examination on account of the instruction of students of the industrial classes, or of their children. The payments are: —2*l*. for a first class, and 1*l*. for a second class, in the elementary and in the advanced stage, and 2*l*. and 4*l*. for

a second or first class respectively in Honours. Extra payments are made for attendance in organised Science Schools. Special payments are also made for practical Chemistry and for practical Metallurgy. The teacher must have given at least 28 lessons to the class and each student must have received 20 lessons at least.

21. The system of Science Instruction and the aid granted to it were considered by a Select Committee of the House of Commons in 1868 and by the Royal Commission on Scientific Instruction and the advancement of Science in 1870. Commons Committee of 1868.

22. The staff of the Science as well as that of the Art Division will be found at p. xli. Staff.

b. *The Art Division of the Department.*

1. As previously stated "Schools of Design" were established in 1836. On their re-organisation in 1852 as the Department of Practical Art the Minute states that the three principal objects of the new Department were— Objects of Department of Practical Art, 1852.

(*a.*) The promotion of elementary instruction in drawing and modelling.

(*b.*) Special instruction in the knowledge and practice of ornamental Art.

(*c.*) The practical application of such knowledge to the improvement of manufactures.

2. Drawing examples were prepared and offered to Elementary Schools at half cost, and a class for the instruction of teachers of such schools was opened at Marlborough House. Special classes were also established for technical instruction in Art, *i.e.*, for training designers for Woven Fabrics of all kinds, Paper Staining, Metal Work (repoussé chasing, casting, forming, &c.), Architecture and Construction, and for the teaching, of Porcelain Painting, Wood Engraving, Lithography, Casting, and Moulding. These classes were additions to the courses for instruction in Drawing, Painting, Modelling, and Designing, carried on at the Metropolitan School, Somerset House, where a Training Class for Masters of Schools of Art was established and a system of instruction laid down under which certificates of qualification as Art Masters were given to successful students. Art Teachers' Class at Marlborough House. Also classes for designers.

3. The country was, according to the Minute, to be encouraged to establish a new class of Schools of Art, Local effort promoted by conditional

aid from Department.

which were to be maintained by local effort with conditional aid from the Department, which was granted wherever a Local Committee was willing to establish Day and Evening Classes, to appoint a Certificated Master, and to assign to him part of the fees of the School, and to engage him to

Description of such aid.

teach Drawing in at least three Elementary Schools. The aid from the Department consisted in payments of 10*l.* on each certificate held by the master and in grants towards the cost of examples, and in medals and prizes awarded on a selection of the works sent to London for examination.

Removal of Central Training School to Marlborough House.

4. In August 1853 the Central Training School was moved from Somerset House to Marlborough House, where temporary school rooms were erected. In 1854 teachers and pupil-teachers of Elementary Schools were encouraged to pass examinations in Drawing by the offer of payments on the results of their instruction when given to pupil-teachers in Elementary Schools. The pupil-teacher system was extended to Schools of Art, a payment of 15*l.* a year

Prizes in Elementary Schools.

being allowed for each pupil-teacher. In 1855 the Department gave prizes to children in Elementary Schools taught drawing by Masters of Schools of Art. In 1856 these schools were collectively examined at Schools of Art by

Payments.

the Inspectors of the Department, and in 1857 a payment of 3*s.* for every child who obtained a prize was authorised

Certificate allowance.

to be made to the Art Master who had taught him. In 1857 also teachers of Elementary Schools were authorised to receive an additional augmentation, not exceeding 5*l.*, to their salaries, provided they had passed examinations in Drawing, and taught the subject satisfactorily in their

Removal of Training Schools to South Kensington.

schools. In 1857 the Department and Central Art Training Schools removed from Marlborough House to South Kensington. In this year also the inspection of Art Schools

Inspection of Art Schools organised.

was completely organised, so that once in the year each school was visited by an Inspector who awarded Local Medals and selected the best of the students' works to be

National Competition.

sent up to London to the National Competition to compete for 100 National Medallions and Prizes.

Art Examinations in Training Colleges.

5. In 1856 the Training Colleges for Teachers under the Education Department, Whitehall, were examined by the Department in drawing for the first time. The examinations were at first conducted by Her Majesty's Inspectors,

Building Grants.

but afterwards by Officers of the Department. In the same year the system of "Building Grants" for Schools of

Substitution of payments

Art was commenced. In 1862 the system of payments on

Certificates to the Teachers of Elementary Schools was abolished, and the whole of the payments to the school made dependent on results tested by examination. Minutes were passed in 1863, extending this principle to the existing masterships of the Schools of Design, and other Schools of Art. The Masters of Schools of Design who had held direct appointments from the Board of Trade were superannuated. At the same time Local Scholarships and National Scholarships tenable for one year were established, the latter, 15 in number, to enable advanced students, intending to be designers or manufacturers' draughtsmen, to prosecute their studies in the Central School and Museum.

on results for certificate allowances.

Establishment of Local and National Scholarships.

6. This change led to the appointment in 1864 of a Select Committee of the House of Commons to inquire into the constitution, working, and success of Schools of Art; and its recommendations were adopted so far as it was found practicable or advisable to do so.

Commons Committee into working of Art Schools, 1864.

7. In 1865 provision was made for night Classes for instruction in drawing, as distinguished from Schools of Art. In 1876 it was decided to remove the limitation by which aid to "Night Classes," was restricted to classes held after 6 p.m., and to extend the same aid to Art classes held in any school or other institution complying with the rules of the Department.

Establishment of Art Classes.

8. In 1857, 12,509 students were instructed in Local Schools of Art, and 396 in the Central Training School, while the instruction given by the teachers of these Schools was so far extended to Elementary and other Schools as to raise the numbers taught through the agency of the Schools to 43,212, a number which may be compared with 6,997 students taught by the Schools of Design before the establishment of the Department.

9. Aid is now given towards the promotion of Art instruction under the following heads:—

Directions in which aid is now given towards Art instruction.

(*a.*) To Elementary Day Schools where drawing is taught concurrently with reading and writing.

(*b.*) To Training Colleges for the teachers of Elementary Schools.

(*c.*) To Art classes for young persons above 12 years of age, and older students of the industrial classes.

(*d.*) To Schools of Art which are entirely devoted to Art instruction, and where the student can obtain a complete

course of instruction in Art in the various stages laid down in the Art Directory.

(*e.*) To the National Art Training School (South Kensington), which is maintained for training Art teachers, designers, and Art workmen, who are aided by Scholarships gained in Schools of Art *See* p. liii.

Extent and amount of aid toward such instruction.

10. The following figures show the extent and amount of the aid to Art instruction under the above heads :—

In 1881 there were—

160 Schools of Art with eleven branch classes, and a total of 31,592 students. The fees paid by the latter amounted to 35,452*l.*, and the payments on results to 16,415*l.*

584 Art classes, with 23,026 students aided by payments on results amounting to 5,041*l.*

5097 Elementary Day Schools at which 850,563 children were taught drawing, of whom 631,708 were examined (in March) and for whom payments on results were made amounting to 31,626*l.*

48 Training Colleges, where 1,062 students obtained drawing certificates. Total grant 1,215*l.*

The sum granted towards the purchase of Art examples, &c., 1,246*l.* 6*s.* 6*d.*

The whole number of persons who received instruction in Art in some form through the agency of the Department was 917,101.

The following table shows the numbers receiving instruction in Art during the last ten years :—

—	Year.	No. of Schools.	Persons taught.	Examination papers worked.	Works sent up.	Fees.	Direct payment on results.
						£	£
Schools of Art	1872	122 and 2 branches.	22,854	15,800	73,542	24,836	11,501
	1882	169 and 13 branches.	33,729	29,521	211,748	39,198	16,978
Art Classes	1872	538	17,256	12,762	49,925	—	4,292
	1882	545	21,215	18,220	157,583	—	4,980
Science Classes sending up Art Works	1872	69	—	—	2,863	—	142
	1882	282	—	—	63,401	—	1,902
Elementary Day Schools	1872	1,773	194,549	148,314	—	—	9,964
	1882	4,808	809,352	722,500	—	—	28,393
Training Colleges	1872	40	3,105	9,233	—	—	385
	1882	48	3,454	10,291	—	—	1,188
Summary	1872	2,539	237,764	186,109	126,335	24,836	26,284
	1882	5,852	867,750	780,532	432,732	39,198	53,441

Administration of the Art Division.

11. The principal Officer of the Art Division was originally called the "Art Superintendent" (1853). This title was in 1857 changed to that of "Referee for Art and Inspector General for Art" (1865). In 1875, on the resignation of Mr. Redgrave, R.A., that office was abolished, and that of "Director for Art" created, together with that of "Principal of the National Art Training School," the two posts being held by Mr. Poynter, R.A. The title of "Official Inspector for Art" (the Second Officer of the Division) was at the same time changed to that of "Assistant Director for Art." In 1882, on the resignation of Mr. Poynter, the two posts of "Director for Art" and "Principal of the National Art Training School" were separated, and the latter office was conferred on the Head Master of the School, Mr. Sparkes, Mr. T. Armstrong being appointed Director for Art. The office of Visitor of the Art Training School was at the same time created and accepted by Mr. Poynter.

Staff of the Science and Art Divisions.

Staff of Science and Art Divisions.

1. The staff of the Science Division consists of a Director for Science (the office at present being filled by the Assistant Secretary), of an Assistant Director, and of an Official Examiner and two Assistant Examiners.

The staff of the Art Division consists of a Director, Assistant Director, an Official and an Assistant Examiner, and an Examination Clerk.

The staff common to both Science and Art Divisions are four Inspectors of Schools, besides Occasional Inspectors and Acting Inspectors, one Inspector who is also Lecturer in the Normal School, one Organizing Teacher, Professional Examiners and Lecturers.

Inspectors for Science and Art Schools.

2. There is a staff of four Inspectors for both the Science and Art Schools of the Department, a number insufficient to inspect even a moderate proportion of them during the year. As the classes are open only as a rule from October to May if a sufficient number of Inspectors were appointed they have no employment during many months. Officers of Royal Engineers were therefore, with the sanction of the War Office and Horse Guards, employed as local inspectors to supplement the regular inspectors of the Department in the *administrative* inspection both at examinations and in

Employment of Officers of Royal Engineers as occasional Inspectors.

the preliminary inspection of Science Schools. They are generally employed to visit schools in the immediate proximity of their respective stations. This method of inspection continues to the present time, and has been found to be both effective and economical. Provision is also made for special technical inspection both for Science and Art when required.

Normal School of Science and Royal School of Mines, South Kensington and Jermyn Street.

Proposal of Board of Trade, 1853.

1. The scheme proposed by the Board of Trade to which reference has already been made, giving effect to the announcement in the Queen's speech in 1853, provided for "the creation in the Metropolis of a school of the highest "class, capable of affording the best instruction, and the "most perfect training, which can alone be hoped for from "an institution which has the command of the most eminent and distinguished talent; the advantages of which "will be experienced by minor institutions throughout "the kingdom, not only as furnishing a central source of "information, but as a means of furnishing competent "and well qualified teachers for local institutions and of "completing the education of pupils who desire higher "accomplishments than can reasonably be expected of "minor schools."

Metropolitan School established.

2. The formation of the Metropolitan Science School is thus described in the "Prospectus of Metropolitan School "of Science applied to Mining and the Arts," session 1853–54, which is given in the First Report of the Science and Art Department, p. 177.

Prospectus.

"The Government School of Mines and of Science applied to the Arts, now called the Metropolitan School of Science applied to Mining and the Arts, was founded in 1851 in consequence of numerous memorials addressed to Government by the mining districts of the United Kingdom . . . . . The Government School established in connexion with the Museum of Practical Geology, in consequence of these memorials, was opened in 1851.

"At the close of that year memorials were addressed to the Commissioners of the Exhibition by the chief manufacturing towns, pointing out the importance of establishing

provincial schools of science in connexion with a central metropolitan school.

"The Government, regarding these memorials as a correct expression of public opinion, considered it expedient to enlarge the character of the instruction given in their school in Jermyn Street, so as to include several more important applications of science to the arts and useful purposes of life. The propriety of the course is confirmed by the fact that amongst the students who entered the Government school were many persons who desired a general education in practical science without a special reference to mining."

The plan of instruction was as follows :—

"A. GENERAL DIVISION, for those who desire a general knowledge of applied science.

"B. MINING AND METALLURGICAL DIVISION, for students who intend to pursue mining or metallurgy.

"C. TECHNICAL DIVISION, for those who propose to engage in other arts or manufactures, depending either chiefly on chemical or chiefly on mechanical principles.

"D. WORKING MEN'S DIVISION, for the instruction of working men by evening lectures."

The students entering for divisions B. and C., or the "matriculated" students, who desired to obtain the diploma of the school, a certain course of instruction, common to all, was compulsory for the first year, while in the second year the student might devote himself to the subjects of one of the divisions.

Treasury Commission, 1853.

3. Sir Charles Trevelyan and Sir Stafford Northcote, reporting to the Treasury in May 1853, say, "It must be "borne in mind that a wider range than heretofore is to "be given both to the College and to the Museum, em- "bracing the whole field of practical science so far as it "admits of being taught in such an institution." The college had already outgrown the accommodation available in Jermyn Street, and premises had been taken for the Chemical and Metallurgical Laboratories in Marylebone Street, when, in 1853, the Royal College of Chemistry in Oxford Street was offered to the Government. It had been established in 1845 by a number of noblemen and gentlemen, the Council being under the presidency of H.R.H. Prince Albert. In 1853 Dr. Playfair vacated the chair of

Royal College of Chemistry added.

Chemistry in the School of Mines, and it was offered to Dr. Hoffman, the Professor of the College of Chemistry, and this institution being in monetary difficulties the Council recommended Dr. Hoffmann to accept the offer made to him, and entered into negotiations with the Board of Trade for the transfer of the institution itself. Sir Charles Trevelyan and Sir Stafford Northcote refer to the matter in the following terms:—

"We find that the laboratory attached to the college has already proved insufficient to accommodate the students, and that additional premises have been temporarily engaged. It is now in the contemplation of the Directors of the College of Chemistry to bring their institution in connexion with the College of Science, and to afford the students the benefit of the very convenient laboratories which they possess. The professor to the College of Chemistry has recently been appointed to the College of Science, and it is said to be the object of this arrangement to retain his services for the benefit of those who have been in the habit of attending him at the College of Chemistry. We do not consider that a Government Department, of the nature of a Normal School, should extend itself indefinitely by adding to its accommodation, and drawing to itself those who would naturally seek instruction elsewhere; but we understand that an additional laboratory is urgently required, and that it will be impossible to give the necessary facilities for training masters for the provincial schools without it. We therefore see no reason for objecting to the proposed annexation of the College of Chemistry on favourable terms to the public."

4. Certain difficulties connected with the staff prevented the development of the Science College at that time. And instead of expanding into a school of applied science in general, it gradually became more contracted in its aims, though the staff of professors remained the same. In 1859 Sir Roderick Murchison, who had succeeded Sir Henry De la Beche 1855 as Director, applied that it should revert to its original title of "the Government School of Mines." This was sanctioned by the late Lord Salisbury, then Lord President. In making his application Sir R. Murchison states:—

Title of School of Mines.

"At the same time I particularly wish it to be understood that under this name I comprehend an Institution with as wide a scope as any of the foreign establishments

of a similar class—in fact, a college in which not merely mining in the narrowest sense of the word is taught, but all those branches of science which have a direct bearing upon the development of the mineral and agricultural resources of the country."

"With such an institution the Geological survey and its illustrative museum are of course indissolubly connected."

Report 1862 by Lord Granville, Mr. Lowe, and Sir C. Trevelyan.

5. In 1862 Lord Granville, Mr. Lowe, and Sir C. Trevelyan inquired into the Geological Survey, Geological Museum, School of Mines, and Mining Record Office.

In discussing the School of Mines the report states:—

"The annual average of 'matriculated' students during nine years has been only twelve, that of 'occasional' fifty-four. The number of 'matriculated' students must therefore not be viewed as the only test of the school. If they were, its maintenance by public funds could hardly be justified. A large proportion of both classes of the students have found employment in the Government, Home, and Colonial surveys, and in various chemical, metallurgical, mining, and other works in the British dominions."

Certain principles were laid down for the re-organization of the school, and Sir R. Murchison and the professors were requested to prepare a new prospectus of the course of instruction based on these principles. This was done and the prospectus was approved, though one of the directions —that the school should be specialized as far as possible as a School of Mines, all such instruction as was of an elementary or general character, and not special to mining, being given at a different time—was not eventually carried out. The course of study for "matriculated" students—henceforth termed students entering for the "associateship" —was extended from two to three years, being the same for all divisions in the first and second year, and in the third being specialised into (1) mining, (2) metallurgy, and (3) geology, including natural history and palæontology. Nine Royal Exhibitions of the value of 50*l.* each, with free instruction, tenable for three years, were given to the school, in addition to the existing Royal Scholarships—two of 15*l.* per annum, and one of 25*l.* per annum.

Royal Exhibitions.

Many of the exhibitioners became teachers. Though not designed for that purpose, the Royal Exhibitions thus tended to make the Royal School of Mines and the Royal College of Science in Dublin, where there are similar exhibitions, to some extent training schools for Science teachers.

The Local Exhibitions,* created in 1867, have also acted in the same direction.

Lectures to Working Men.

6. As respects the lectures to working men the Report states :—

"This general instruction should be regarded as incidental, and due to the fact that the Mining School exists. If there were no Mining school, it is doubtful if general instruction in Science should be undertaken by the Government. The Science examinations of the Committee of Council already prove that the public, with a slight stimulus, will provide it for themselves. Nor is it justifiable that the State should be at the cost of providing scientific lectures to the working men only in a particular district of the Metropolis, whilst a similar advantage is not afforded to other places. But as a staff of Professors has been formed for other purposes there can be no objection to their giving these lectures which are popular, which cost the State nothing, and may be viewed, not as an official duty, but an act of good will on the part of the Professors. When the Mining School becomes much larger it may be a question if these lectures ought not to be given up."

Report of Royal Commission 1871 recommends removal.

7. In 1871 the Royal Commission on Scientific Instruction and the advancement of Science, of which the Duke of Devonshire was chairman, strongly recommended in their first report the removal of the whole school to South Kensington for various reasons stated by them, but more especially in order that laboratory and practical instruction might be given, which was impossible with the limited accommodation in Jermyn Street. A protest made by Sir R. Murchison and a few of the professors against this report was referred by the then Lord President and Vice-President to the Royal Commission, but they adhered (*see* Appendix III., p. 2, Vol. II.) unanimously to their previous opinion. In reply to the objection that if the School of Mines were merged in a general Science School it would lose its distinctive character and the confidence of the mining interest, the Commission point out that "for the "last 18 years the average number of students of the "School of Mines who, having been examined in mining "and mineralogy, have subsequently been employed in the "Geological Survey and in the mineral and metal works

* To Local Exhibitions the locality and the Department each contribute 25*l.*; and they are tenable, at the option of the student, at the above-mentioned Government institutions, or at any other where an advanced course of scientific instruction is given.

" of the United Kingdom has, according to a table put in " evidence, been less than four per annum."

Resolution of Council of Professors asking for transfer to South Kensington.

The recommendation of the Royal Commission was, however, not acted upon until the Lords of the Committee of Council on Education received in July 1872 from the Council of Professors of the Royal School of Mines, a resolution in favour of the transfer of the instruction in Physics, Chemistry, and Natural History to South Kensington, on the ground that it was impossible to obtain sufficient accommodation in Jermyn Street for efficiently carrying on the classes.

Accommodation provided by removal of School of Naval Architecture.

Surrender of College of Chemistry.

8. The accommodation asked for had been rendered available at South Kensington by the removal of the School of Naval Architecture and Marine Engineering to Greenwich. The instruction in chemistry, physics, applied mechanics, and biology was therefore transferred to the new building at South Kensington. The College of Chemistry in Oxford Street was given up to the Office of Works, and the rooms in Jermyn Street appropriated to the purposes of the Museum and Survey. The instruction in physics and biology, which had hitherto consisted of lectures only, was supplemented by laboratory practice, while drawing, model, and class rooms were provided for the class in mechanics. In 1877 the Council of Professors made a further representation as to the want of proper accommodation and appliances for teaching geology in Jermyn Street, and proposed the removal of that course to South Kensington. This was sanctioned, and the teaching collection, which was distinct from the Museum collection, was transferred to the Science School, where provision was made for microscopic and other practical work which had not previously been part of the course.

Transfer of Metallurgical division.

9. The lease of No. 27. Jermyn Street—the basement of which was used as a Metallurgical Laboratory, and the upper floors by the Naturalist and the Palæontologist of the Geological Survey, and their assistants—lapsed in October 1879. The accommodation provided therein for the palæontologists was insufficient, bad, and unhealthy. As a better Metallurgical Laboratory could be provided in the basement of the Science Schools at South Kensington, and as the removal of the Metallurgical department from Jermyn Street set free better accommodation in the Geological Museum for the palæontological staff than they had in No. 27, Jermyn Street, while the abandonment of this house, and the building up of the two doorways between it and the Museum greatly diminished the risk from fire,

it was decided to remove the Metallurgical department to South Kensington, and not to obtain an extension of the lease. The sanction of the Treasury was obtained to the necessary expenditure, and the transfer was affected at the commencement of the session of 1880. The instruction in mechanical drawing was removed at the same time.

Administration of School.

10. The government of the School of Mines had from the first been vested in the Director and Council of Professors. Sir H. De la Beche and, after his death, Sir R. Murchison, were directors of the Geological Survey and of the Geological Museum and School of Mines. But on the death of the latter the post of Director of the School of Mines was not filled up.

The staff of the Royal School of Mines consisted of Lecturers on:—(1) Mining and Mineralogy, (2) Chemistry, (3) General Natural History, (4) Physics, (5) Applied Mechanics, (6) Metallurgy, (7) Geology, an Instructor in Assaying, a Teacher in Mechanical Drawing, an Assistant Chemist, and Registrar.

Effect of transfer.

11. The effect of the removal to South Kensington on the number of students was very remarkable, Notwithstanding the obvious inconvenience of having the school divided and the instruction given in places more than two miles apart, the confusion as the courses were successively transferred, the feeling of uncertainty as to the future of the school, and constant attacks and misrepresentations in the newspapers, the number of students greatly increased. Thus in the years 1870–71 and 1871–2, the last two before the removal was commenced, 29 private (not Government) students entered for the associateship of the school, while 64 entered in the two years 1876–77 and 1877–78. Again, the same large increase was shown in the number who took the associateship. Up to the end of 1880 the total number of these was 160. Leaving out 25 who were royal exhibitioners, and 10 who having entered just before the removal commenced, took the associateship in 1873 and 1874, it appears that of the 125 remaining, 58 took the associateship between 1853 and 1872, that is to say, at the rate of three a year, while 67 became associates in the five years, 1875–79 inclusive, or at the rate of more than 13 a year. This was no doubt to a considerable extent due to the fact that the instruction had been rendered more thorough and efficient by the addition of laboratory and practical instruction in physics, mechanics, biology, and geology. But it was also very largely owing to the fact that South Kensington is more convenient for students than Jermyn Street or Oxford

Street. This was shown when the College of Chemistry was removed to South Kensington from Oxford Street; the number of applications for admission having doubled during the first session.

12. It will thus be seen how it came about that the school instead of developing as was contemplated in 1853 into a Normal or Training School of General Science had become, under the name of School of Mines, a place where a few students connected with the mining industry were educated in science, and where a much larger number, attracted by the eminence of the professors, and disregarding the name of the school, either took up special subjects, or went through its curriculum in order to follow industrial pursuits in no way connected with mining.

Training school in connection with School of Mines.

13. During this period a training school which formed no part of the School of Mines proper had grown up in connexion with it. Up to the year 1859 only a very few science classes and trade and navigation schools had been established in different parts of the kingdom; and a few teachers had been trained at the Chester Training College or in Jermyn Street. But no general system of aid to science instruction was established till that year. The Minute then promulgated provided for the establishment of science schools and classes in any place which complied with certain conditions, and granted certificate and other payments. All previous minutes, except those referring to the training of teachers were cancelled. The then Lord President, the late Lord Salisbury, and the Vice-President, Mr. Adderley, now Lord Norton, were very anxious to press forward the training of teachers, but it was soon evident that science instruction could not be advantageously aided at that time in the provinces in this manner. There was no career for science teachers when trained. The demand for them did not exist and had to be created. That is to say, there was no opening for a man to earn his living by science teaching alone. It was only local men, with other occupations, who were in a position to undertake science teaching. And the stimulus afforded by payments on results and other aid offered by the Department was so effectual that, while in 1860 there were only 9 science schools and 500 students under instruction, there were at the commencement of 1880 about 1,455 schools with nearly 4,751 classes in different subjects, and 57,000 students under instruction. The conditions have thus completely changed, and employment can be obtained by well instructed teachers.

Intention in 1859.

Reason why abandoned.

When revived.

14. When therefore some of the courses of instruction were transferred to South Kensington, a few teachers, and promising students who undertook to become teachers, were brought up to London to be trained. The teachers received their travelling expenses, with 25*s.* a week while in London, and went through one or more courses of instruction according to circumstances. In this way latterly from 50 to 60 teachers have been trained in different branches of Science.

Development of system of training.

A system of short summer courses had also been organised. In 1868 an allowance was made to some of the teachers to enable them to visit the South Kensington Museum and other metropolitan institutions, in order to obtain a knowledge of the latest advances made in educational subjects.

Summer courses for Teachers.

In the following year (1869) short courses of lectures on the methods of teaching science were given. The lectures were continued in 1870, and a certain proportion of the teachers—as many as could be accommodated—received a week's practical instruction in the laboratory of the Royal College of Chemistry in Oxford Street. The system, having been found very successful, was further developed in 1871, and practical instruction was combined with the lectures. There being no means for giving practical instruction in the School of Mines in Jermyn Street, laboratories were extemporised in the rooms used by the Royal School of Naval Architecture and Marine Engineering at South Kensington, which were unoccupied in the summer, the students being away in the Dockyards. In 1872 the instruction was given in the new Science School at South Kensington, which was hastily fitted up for the purpose.

Reasons for short duration.

15. It has been found that teachers cannot, or will not, remain in London at work for more than about three weeks, that is to say, about half their holiday. Still the value of these courses, short as they are, can scarcely be over-estimated; and four, five, or six, in different branches of science, are now given every summer. Not only is the teacher's knowledge of science increased, but he is made acquainted with new apparatus which he would have no opportunity of seeing in the country, and he is put in the way of the best methods of giving instruction by some of the most eminent men of the day. The opportunities of improving themselves are highly valued by the teachers, about 180 or 200 of whom are selected annually from some 500 or 600 applicants, and they work with extraordinary zeal while they are in London. The examiners were soon able to see a marked improvement in the instruction given

in the schools the teachers of which had attended these courses. The summer courses were entirely unconnected with the curriculum of the School of Mines, and many of them were given by gentlemen who were not on its staff In those cases in which the professors of the school were employed, they therefore were specially remunerated for this work. The teachers received their travelling expenses, 2nd class railway fare, and 30*s.* a week.

Effect of the training classes.

16. Thus, though the School of Mines had been diverted from the objects proposed for it in the scheme approved by the Treasury in 1853, and had not become a science training school, a training school had come into existence through the force of circumstances, as an outgrowth of it.

Necessity for re-organization.

The school was, however, up to 1881 not organised as a training school, and teachers could only be instructed in certain branches of science. No Chair of Mathematics, the want of which in the School of Mines had been repeatedly brought to the notice of the Department and strongly commented on in the report of the Royal Commission on Scientific Instruction, had been created. The arrangement for providing Assistants and Demonstrators for Physics, Mechanics, Biology, and Geology, by engaging them from year to year, and paying them out of the vote for the instruction of teachers, was merely a temporary makeshift, and the question of the laboratory fees was in an unsatisfactory state. Difficulties were also entailed by the instruction being given partly in Jermyn Street and partly at South Kensington, and also by its system of administration, and the mode of payment of the professors and teachers. A complete scheme for its re-organisation was, therefore, submitted to the Treasury in 1881. This with some slight modifications was approved, the correspondence on the subject being presented to both Houses of Parliament and published in 1882 (C.—3085).

Scheme of re-organization, 1881.

Opening of Normal School of Science, 1881.

17. The re-organised school opened in October 1881, under the title of the "Normal School of Science and Royal School of Mines." It is now an institution to supply systematic instruction in the various branches of Physical Science to students of all classes. While the school is primarily intended for the instruction of teachers, and of students of the industrial classes selected by competition in the examinations of the Science and Art Department, other students are admitted so far as there may be accommodation for them, on the payment of fees fixed at a scale sufficiently high to prevent undue competition with institutions which do not receive State aid.

Its objects.

Connexion of Royal School of Mines.

The Royal School of Mines is affiliated to the Normal School. Students entering for the Associateship of the School of Mines obtain their general scientific training in the Normal School.

Administration.

The Normal School of Science and Royal School of Mines is administered by a Council, consisting of the Professors of Mechanics, Physics, Chemistry, Biology, Geology, Metallurgy, and Mining, with the Lecturers on Physical Astronomy and Agriculture. One of the Professors is appointed Dean by the Lord President, and the administrative work of the school is carried out by a Registrar.

Instruction is given in the school in the following subjects:—

Courses of instruction.

Mechanics and Mathematics, Physics, Chemistry, Biology and Botany, Geology and Mineralogy, Agriculture, Metallurgy and Assaying, Mining, Elements of Astronomical Physics, Practical Geometry, Mechanical and Freehand Drawing.

Occasional Students.

Occasional students may enter for any course of instruction, or for any number of courses, in such order as they please; but students who desire to become Associates of the Normal School of Science, or of the Royal School of Mines, must follow a prescribed order of study, which occupies from three to three and a half years.

Associate Students.

Courses for Associateship.

In the first two years the students must all go through the same instruction in Mechanics and Mathematics, Physics, Chemistry, Elementary Geology, Astronomy, and Mineralogy, with Drawing; afterwards they must elect to pass out in one or other of the eight divisions, to the subjects of which the third and fourth years' studies are entirely devoted, namely:—I. Mechanics; II. Physics; III. Chemistry; IV. Biology; V. Geology; VI. Agriculture; VII. Metallurgy; and VIII. Mining.

A student who passes in all the subjects of the first two years, and in the final subjects of Divisions I., II., III., IV., V., or VI., becomes an Associate of the Normal School of Science; while, if he takes the final subjects of Divisions VII. or VIII., he becomes an Associate of the Royal School of Mines.

The work of the school is arranged in such a manner as to permit the student to concentrate his attention upon one subject at a time, and he is never occupied with the subjects of more than two divisions in the same term.

Royal Exhibitions.

There are 12 Royal Exhibitions to the Normal School of Science and Royal School of Mines. They are of the

value of 50*l.* per annum each, and are tenable during the course for the Associateship, that is to say for three years, except in the case of students entering for the Associateship in Agriculture or Geology, when they are tenable for three years and a half. Three or four Exhibitions are, therefore, generally open for competition each year. They are competed for at the May examinations of the Science and Art Department. The Exhibitions entitles the holders to free admission to the lectures and laboratories.

Free Studentships.

Six Free Studentships are awarded annually under the same rules and conditions as the Royal Exhibitions. They give the student free admission to the lectures and laboratories for three or three and a half years, as the case may be.

Science Teachers in Training.

About 50 Teachers and Students in Science Classes, who intend to become Science Teachers, are admitted free to the Sessional Courses of instruction at the Normal School. They receive 2nd class railway fare to and from London, and a maintenance allowance of 21*s.* per week while there.

Free instruction is given to Local Exhibitioners. The rules for the creation of Local Exhibitions to which the locality contributes 25*l.* and the State 25*l.* are to be found in the Science Directory.

Royal Scholarships.

Four Scholarships, of 15*l.* each, are given to the students who have gained the greatest aggregate of marks in the examinations of the first year; and two Scholarships of 25*l.* to those pupils who have gained the greatest aggregate of marks in the examinations of the first two years.

Summer Courses.

Short courses of instruction are given annually, about July, in different branches of Science for the benefit of Teachers of Science Schools in the country. The courses last three weeks. About 200 teachers are admitted to them and they receive 2nd class railway fare to and from London, and a bonus towards their incidental expenses of 2*l.* each. (*See* Science Directory.)

Lectures to working men.

Three or four courses of evening lectures for working men are given during the session by the Professors and Lecturers. The charge for admission to each course of six lectures is 6*d.*

National Art Training School.

Special object of National Art Training School.

1. This School is a development of the former School of Design and Central School of Art at Somerset House, and its special object is the training of Art teachers of both

sexes, of designers, and of Art workmen, to whom facilities and assistance are afforded in the shape of scholarships, maintenance allowances, and complete or partial remission of fees. A school for the instruction in Art of general students is attached to, and serves as a practising school for the Training School. In 1853 the school was removed from Somerset House to Marlborough House, and opened under the designation of "National Training School of Art." In 1856–57 the school was transferred to South Kensington, a transfer which was followed by an increase in the number of students to 407 in 1858 as compared with 292 in the previous year at Marlborough House. In the year ending July 1857, at the time of the removal to South Kensington, 190 students paid 570*l.* in fees.

Practising section of such school.

Housing of Training School in permanent premises.

2. In 1863 the school was removed from the temporary wooden buildings in which it was first placed to permanent premises specially built for its reception. The increased accommodation thus afforded was followed, in 1864, by a very marked increase in the number of fee-paying students. For the year ending July 1864 there were 825 such students, with a total of 1,824*l.* fees. In 1863 a system of scholarships was established, open to candidates from local schools. The training class for the same year numbered 54 students, 41 of whom were in receipt of maintenance allowances, and 13 were free students.

Examination test for admission imposed.

3. In 1871, with a view to enable the school to fulfil more efficiently its primary object of training masters for Art Schools, it was found necessary to impose an examination test for all candidates for admission, and to make certain alterations in the regulations of the schools introducing payments on results.

Scholarships established.

4. During the year 1880–81, 128 students (34 females and 94 males) attended the school without paying fees, viz., 35 students in training, 12 National scholars, 65 students formerly in training, ex-national students and others having passed higher grade examinations, and 14 men of the Royal Engineers. 47 students were also admitted at half fees. 759 students attended the school (400 females and 359 males), and the total amount of fees received was 3,022*l.* 16*s.*

5. The course of instruction is as follows, though it must be understood that it is not progressive in the order in which the stages are named:

Stage 1. Linear drawing by aid of instruments, including Linear Geometry, Mechanical and Machine Drawing, Perspective, Details of Architecture, and Sciography.

Stage 2. Freehand Outline Drawing of rigid forms from flat examples or copies.

Stage 3. Freehand Outline Drawing from the "round."

Stage 4. Shading from flat examples or copies.

Stage 5. Shading from the "round" or solid forms and drapery.

Stage 6. Drawing the human figure, and animal forms, from copies.

Stage 7. Drawing flowers, foliage, and objects of natural history, from copies.

Stage 8. Drawing the human figure, or animal forms, from the "round" or nature.

Stage 9. Anatomical Studies, drawn or modelled.

Stage 10. Drawing flowers, foliage, landscape details, and objects of natural history, from nature.

Stage 11. Painting ornament from flat examples.

Stage 12. Painting ornament from the cast, &c.

Stage 13. Painting (general) from flat examples or copies, flowers, still-life, and landscapes.

Stage 14. Painting (general) direct from nature, flowers, or still-life, landscapes, and drapery.

Stage 15. Painting from nature groups of still-life, flowers, &c., as compositions of colour.

Stage 16. Painting the human figure or animals in monochrome from casts.

Stage 17. Painting the human figure or animals in colour.

Stage 18. Modelling ornament.

Stage 19. Modelling the human figure or animals and drapery.

Stage 20. Modelling fruits, flowers, foliage, &c. from nature.

Stage 21. Time sketches in clay, of the human figure, or animals, from nature.

Stage 22. Elementary Design, including studies treating natural objects ornamentally, ornamental arrangements to fill given spaces in monochrome or modelled, ornamental arrangements to fill given spaces in colour, and studies of historic styles of ornament drawn or modelled.

Stage 23. Applied Designs, technical or miscellaneous studies, including machine and mechanical drawing, plan drawing, mapping, and surveys done from measurement of actual machines, buildings, &c., architectural design, ornamental design, as applied to decorative or industrial art, and figure composition, and ornamental design with figures, as applied to decorative or industrial art, both flat and in relief.

Certificates of competency to teach the subjects included in these 23 stages of instruction are given to candidates who pass the necessary examinations, and are called (*a*) the preliminary or Art Class Teacher's Certificate, and (*b*) Art Certificates of the 3rd Grade.

Staff of the Training School.

6. The staff of the National Art Training School consists of a Principal, a Registrar, 6 Assistant Teachers, an Instructor in Decorative Art, Lecturers, Occasional Professional Assistants, and a Visitor, Mr. E. J. Poynter, R.A.

Some of the masters and teachers receive, in addition to their fixed pay, payments on the results of their instruction, as tested by the examination of the students, and a proportion varying according to circumstances of students' fees, and there are other teachers who are paid wholly by fees.

THE SOUTH KENSINGTON MUSEUM AND BETHNAL GREEN BRANCH MUSEUM.

(*a.*)—*Art Collections.*

Models, Casts, and Prints, &c., collected for the Schools of Design.

1. From the year 1837 up to 1849 Models or Casts, Prints and Examples, had been purchased as necessary means of instruction in Design and Ornamental Art in connection with the Schools of Design already adverted to (*see* p. xxxvii). 1,299*l.* were spent for instance in 1844–45 in the purchase of miscellaneous examples from Paris. For some time these objects had been stowed away in Somerset House for want of space. They included Casts of Ornamental Art of all periods, copies of Raphael's Loggie, specimens of Manufactures, &c. In 1851 the Board of Trade appointed a Committee to select objects notable "entirely for the excellence of their Art or workmanship" for purchase to the amount of 5,000*l.* from the Exhibition of the works of Industry of all Nations in 1851. These, together with the Casts, Models, and examples from the vaults of Somerset House, were transferred to Marlborough House, and Her Majesty the Queen and others lent valuable specimens which were placed with them. The Collections thus formed were opened to the public as a Museum of Ornamental Art on the 6th September 1852. They were arranged in divisions such as Textile Fabrics, Laquer Ware, Ivory Carving, Jewellery, Enamels, Furniture, Wood-Carvings, Paper-Hangings, Pottery, Stone-ware, Hard Porcelain, Soft Porcelain, Sèvres, Dutch Earthenware, Majolica. A selection of Casts of the renaissance period was also shown.

Art works purchased from the Exhibition of 1851.

Both collections amalgamated and arranged as a Museum of Ornamental Art.

Provision for adding to the Museum.

2. No special provision had been sanctioned by Parliament for increasing the collection during the year. It was therefore proposed that an anuual vote should be submitted to Parliament for the gradual formation of a systematic National Collection of Manufactures of all periods, the first of its kind apparently in Europe.* Such a "collection of

* A petition in June 1852 addressed to the Prince Louis Napoleon Buonaparte, President of the French Republic, prayed for the Establishment in France of a Museum of the Fine Arts as applied to Industry, and in support of the prayer related how "quite recently a Museum of Ornamental Art had been solemnly inaugurated in London by Her Majesty Queen Victoria." [*See* p. 63, First Report Practical Art.]

specimens which should illustrate both the progress and the highest excellence attained in manufacture, both as to material, workmanship, and decoration, had long been a most desirable object, and considered indispensable to instruction.

Value of a Museum for purposes of instruction.

Indeed a Museum presents probably the only effectual means of educating the adult, who cannot be expected to go to school like the youth, and the necessity for teaching the grown man is quite as great as that of training the child. By proper arrangements a Museum may be made in the highest degree instructional." (*See* First Report of the Department of Practical Art.)

Art Library formed.

3. Concurrently a Library of Works upon Art was commenced from the collection of books of reference on Art, purchased in earlier years for the use of the School of Design. This became the National Art Library.

4. In November 1852, in view of a proposal to purchase additional objects for the Museum, a minute was passed approving of a proposal of Mr. Cole's, which concluded as follows:—

Aid to Local Schools of Art.

"As the collection of articles for the Museum proceeds, objects of the same kind but of various degrees of importance and value will be amassed, and in order to render the objects which could be dispensed with most available for the purposes of public instruction, I propose that local Schools of Art may have the privilege of purchasing them at half the prime cost. Hitherto specimens of manufacture have been presented to the schools; but, in future, I recommend that the gifts be few, and exceptional."

Principle of maintaining a Central Collection of Reference,

Thus the principles of both forming a normal central collection and encouraging the establishment of local Museums were affirmed.

and of Circulating Objects to the Provinces affirmed.

5. It was from the first considered desirable to make the collections of Art useful to the provinces as well as to the Metropolis. With this view small selections of objects from the Museum, and Photographs and Drawings of rare objects either temporarily deposited or by their nature not easily removable, were lent for study and exhibition to provincial Schools of Art. (Second Report of the Department of Science and Art, p. 36.) This was the commencement of the system of circulation of Art objects throughout the country.

Early additions to the Art Collections.

6. Towards the end of 1852 the Bandinel Collection illustrative of pottery and porcelain was acquired. A Special Loan Exhibition of Furniture was held by the

Department in 1853, at Gore House, Kensington, when a collection of Studies of the Life by W. Mulready, R.A., was also exhibited for the instruction of students in the Anatomical and Figure class. Purchases to the extent of 8,583*l.* were made in 1854 from the collection of Mr. Bernal, principally of specimens of Pottery and Porcelain, Majolica ware, Glass, and Metal-work. In the same year the Chancellor of the Exchequer (Mr. Gladstone) purchased the Gherardini collection of models for sculpture, which was placed in the Art Museum. This collection, inasmuch as it referred to a branch of art not necessarily connected with manufactures, helped in extending the limits of the collections generally, which henceforth became "Art Collections." In 1855 purchases of objects were made from the Paris Universal Exhibition, and negotiations were at this time commenced for acquiring a large Collection of Mediæval Ornamental Art from Mons. Soulages of Toulose.

Catalogues.

7. Catalogues of the Collections were printed with the earlier annual Reports of the Department and issued separately for public use; but as the collections increased it was determined to affix a descriptive label to each object. Accordingly in 1856 an inventory of the Objects of Art in the Museum, excluding British pictures and sculpture, was prepared, and a classification adopted to give a practical and instructive character to the sections of the Museum. Every object was labelled, the inventory entries serving the purpose also of labels. The classes of objects were defined as follows:—Sculpture, Glyptic and Numismatic Art, Mosaics, Painting, Japanned or Lacquered ware, Glass painting, Enamels, Pottery, Glass manufactures, Works in Metal, Watches and Clocks, Jewellery and Decorative Objects in precious materials, Arms, Armour, and Accoutrements, Furniture and General Upholstery, Leather Work, Basket Work, Textile Fabrics, Book-binding, and Book decoration generally, Ornamental Designs, Drawings and Engravings. Descriptive Catalogues with accounts of various classes of works of Ornamental Art have been prepared from time to time by recognized authorities, and are intended to serve as standard works upon such subjects.

Inventory.

Classification, and

Labelling of Objects in Art Collections.

Transfer to South Kensington.

8. In 1856, Parliament voted 10,000*l.* for the transfer of the Department of Science and Art from Marlborough House to South Kensington. As respects the selection of the site at South Kensington the following particulars may be given:—Upon the close of the Exhibition of 1851, a profit of over 150,000*l.* accrued to Her Majesty's Commis-

sioners for that Exhibition. His Royal Highness the late Prince Consort, President of the Commission, proposed that this sum should be expended in the purchase of land to be devoted to institutions for promoting Science and Art. An estate was available for purchase in the neighbourhood of Hyde Park. It extended from Kensington Gore to Brompton. Parliament co-operated with Her Majesty's Commissioners in its purchase, and voted altogether about 181,000*l.* By gifts and purchases from the Exhibition of 1851, by gifts from the Society of Arts, &c., Her Majesty's Commissioners had become possessed of divers collections for public instruction in Science and Art. They applied in 1855 to the Government for assistance in constructing a building to contain these collections, and Parliament voted 15,000*l.* An iron building was accordingly erected under the supervision of the late Sir William Cubitt upon the South-eastern portion of the estate which Her Majesty's Commissioners gave up to the use of the Department. Her Majesty's Commissioners contributed 2,000*l.* for the building of Refreshment Rooms adjoining the iron building. They also expended 3,000*l.* upon internal fittings. In 1858 Her Majesty's Commissioners repaid 121,000*l.* of the money previously voted by Parliament, and the Government became possessed (under the Act Vict. 21, 22, c. 36) of 12 acres, valued at 60,000*l.*, of the South-eastern portion of the estate. The buildings thus erected, together with others already upon this portion of the estate, were used by the Science and Art Department for the Museums of Education, Patented Inventions, Animal Products, and Ornamental Art, the National Art Training School, and Offices. On the site thus acquired the buildings have been erected for the remainder of the Art Collections.

Purchase of land by Her Majesty's Commissioners for the Exhibition of 1851.

Erection of iron building.

Varied Collections brought to South Kensington.

Development of Art Collections.

9. The Lords of the Committee of Council for Trade, by Minute dated 6th February 1857, accepted the Trusteeship created by the Deed of Gift by which Mr. Sheepshanks transferred his valuable collection of Pictures and Drawings in order to found a Gallery of British Art in connexion with the Schools of Art, and the Treasury sanctioned the necessary expenditure for the erection of a gallery to contain this collection. About the same time, in compliance with a suggestion of the Sculptors' Institute, space was allotted in the Museum for the Exhibition of a Collection of British Sculpture. Thus a new division of the Art Collections was commenced, viz., British Paintings in Oil and Water Colours, Drawings, &c., and British Sculpture.

Gallery of British Art commenced.

Gallery of British Sculpture commenced.

A Museum of Architecture commenced.

10. An Architectural Museum had been founded in Cannon Row, Westminster, in 1851, by a private society as the nucleus of a "National Museum of Architecture." About 7,000 specimens principally illustrative of Gothic Art had been collected. These were now handed over to South Kensington and were arranged with the Classic and Renaissance Casts which belonged to the Department. The Chief Commissioner of Works lent several Architectural Models to the Museum, and other persons made contributions. The fifth Report of the Department states that "there can be little doubt that if sufficient space be pro- "vided by the state for an Architectural Collection which "shall properly display the Architecture of all periods the "public will considerably aid in filling it."

Select Committee upon the South Kensington Museum and their Report on the Art Collections.

11. In 1860 a Select Committee of the House of Commons was appointed to inquire and report concerning the South Kensington Museum. In the Report of that Committee reference was made to the Fine Arts Committee of the House of Commons in 1841, who had reported that "independently of the beneficial and elevating influence of "the Fine Arts upon the people, every pecuniary outlay "either for the purpose of forming or extending collections "of Art in this country has been directly instrumental in "creating new objects of industry and of enjoyment, and "therefore in adding, at the same time, to the wealth of "the country." Evidence illustrated by actual specimens brought before the Select Committee of 1860, proved the soundness of the views enunciated in 1841, "and showed "how by a judicious cultivation of the taste of purchasers "and manufacturers, and by their action on each other "new branches of ornamental manufacture had been "created within the last few years." The Committee "arrived at the opinion that the South Kensington Museum "in respect of its action as well throughout the United "Kingdom, as well as the Metropolis, is exercising a bene- "ficial influence, and that it is fully deserving of continued "Parliamentary support."

Donations and further development of the Art Museum.

Section of Decorative and other Sculpture.

12. Donations to the Art Museum increased the number of sections of the Art Collections. The Grand Duke of Tuscany had presented a cast—Michael Angelo's David at Florence—and this with original specimens of decorative and other sculpture in marble and stone, models in terra-cotta, the Gherardini collection already mentioned, laid the foundations for a collection of examples of decorative carving, modelling, and sculpture. By 1863 the Art

Review of the Art Collections and principles for their future development.

Collections generally had so increased that the Lords of the Committee of Council on Education specially reviewed them, and directed that as some sections, Mediæval Art of Italy for instance, were well represented, "future pur- " chases be confined to objects wherein Fine Art is applied " to some purpose of utility, and that works of Fine Art " not so applied should only be admitted as exceptions " and so far as they may tend directly to improve Art " applied to objects of utility. The Decorative Art of all " countries should be completely represented. Second rate " works should only be acquired as substitutes until better " works can be obtained. Where the taste of the age or " country has been low few specimens only will be " necessary. Original works are to be obtained as far as " possible, but where this would seem to be impracticable, " the system hitherto pursued of representing the finest " known examples by electrotypes, casts, and drawings, " will be followed, it being always kept in mind that the " aim of the Museum is to make the historical and geo- " graphical series of all decorative Art complete, and fully " to illustrate human taste and ingenuity."

System of making and obtaining Reproductions of Works of Art.

13. From 1853 the expediency of obtaining Reproductions such as Casts, Photographs, and Electrotypes of valuable works of Art had been recognised, and in 1864 a Minute was passed with the view of establishing relations between the Department and Continental Museums. A list of Foreign Museums was prepared and an International Art inventory was compiled and published, but this was discontinued in 1879. It was known that in Continental Museums and other Institutions, Churches, and Palaces, original objects were preserved which it could not be expected would ever become purchasable by this country. " Admirable substitutes of them might be easily obtained " by various modes of reproduction with perfect safety to " the originals." In 1867 His Royal Highness the Prince of Wales entered into a convention with several of the Princes of the reigning families of Europe for promoting universal reproductions of works of Art for the benefit of Museums of all countries. In course of time a number of important reproductions of monuments of various styles of Art was procured, and a special court erected for the display of those larger specimens such as the Trajan Column, the Santiago Gateway, the Fireplace from Bruges, Adam Krafft's Sculpture from Nuremberg, the Sanchi Gateway, the Emperor Akbar's Council Seat, &c., which could not conveniently take their proper places in the

The special arrangement of Reproductions of Monumental Works.

historic series to which they belong. In 1881 it was decided to form a collection of casts of Classic Sculpture illustrating the early history of Greek Art. This new division of the Museum is in course of arrangement and organisation. Gallery of Casts.

14. In addition to the acceptance, on loan, of works of Art for temporary exhibition, Special Loan Exhibitions of objects to illustrate a particular category of Art in respect of objects of utility, or of methods of dealing with materials, have been held during many succeeding years since 1853. In 1862 a Special Loan Exhibition of all classes of ancient works of Ornamental Art was held. In 1865 there was a Special Loan Exhibition of Miniatures; in 1870 one of Fans; in 1872 one of Ancient Musical Instruments; in 1873 one of Decorative Art Needlework; in 1874 one of Enamels on Metals. But beyond the scope of such exhibitions, a series of three National Portrait Exhibitions suggested by the late Earl of Derby, was carried out by the Department during the years 1866, 1867, and 1868 in the Southern Galleries overlooking the Royal Horticultural Gardens. Two other special Exhibitions have taken place—one to illustrate Spanish Art, the other in 1882, Scandinavian Art. Special Loan Exhibition.

15. Many valuable bequests have been made to the Department for the Art Collections, and the India Museum was transferred to the charge of the Science and Art Department in 1879. India Museum.

Besides the gift of Pictures by Mr. J. Sheepshanks in 1857, already referred to, the following more notable gifts and bequests may be mentioned:—

In 1860 and in 1873, by Mrs. Elizabeth Ellison, 100 Water Colour Drawings, for the purpose of forming a National Collection of Water Colour Drawings.

In 1864, by Rev. R. Brooke, 396 Objects, consisting of Textiles, Watches, Rings, &c., and 718 Volumes of Books.

In 1867, by Mrs. Wollaston, 270 Drawings of Mosaics.

In 1867 and 1868, by Sir Chas. Wentworth Dilke, Bart., M.P., 297 Volumes, 862 Pamphlets, and 155 Prints illustrating the Great Exhibition, 1851.

In 1868, by Mrs. Louisa Plumley, 43 Enamel Paintings by Essex, Bone, &c.

In 1868, by Professor Ella, 329 Volumes of Music, printed and in MS.; 6 Busts, 1 Oil Painting (a portrait of Rossini) from the Library of the Musical Union Institute.

In 1868, by Rev. Chauncy Hare Townshend, 211 objects, chiefly Jewels, 189 Oil Paintings, 174 Water Colour Paint-

ings, 4,218 Swiss Coins, 831 Volumes, 390 Drawings, 1,815 Prints.

In 1869, by Rev. Alexander Dyce, 80 Pictures, 63 Miniatures, 802 Drawings, 1,511 Prints, 74 Rings, 27 Art objects, 13,596 Books.

In 1870, by William Gibbs, Esq., Roman and Anglo-Saxon Ornaments and other Antiquities, chiefly found in Kent.

In 1870, by John Meeson Parsons, Esq., a collection of 92 Oil, and 47 Water Colour Paintings.

In 1871, by W. Smith, Esq., 86 early English Water Colour Drawings.

In 1874, by Alexander Barker, Esq., Venetian Furniture of a Boudoir.

In 1876, by John Forster, Esq., 48 Oil Paintings, 74 Frames of Water Colour Paintings and Drawings, Collections of Drawings, Sketches, and Engravings, Collection of Manuscripts and Autographs, Library of Printed and Illustrated Books.

In 1876, by Sir Matthew Digby, and Lady Wyatt, 148 Fans.

In 1876, by William Smith, Esq., 136 Water Colour Drawings, and about 700 Vols. of Books and MSS. See also his gift in 1871.

In 1877, by the Shah of Persia, a Collection of Persian Carpets and Textiles.

In 1878, by the French Minister of Commerce, specimens of Gobelins and Beauvais Tapestries.

In 1882, by Mr. John Jones, a magnificent collection of Works of Art, chiefly French Furniture, Porcelain, and Enamels of the 18th century.

Résumé of the character of Art Collections

16. The Art Collections at the South Kensington Museum thus formed are comprised under the following heads:—

(*a.*) Objects of Ornamental Art, generally (originals and reproductions).

(*b.*) British Paintings in Oil and Water Colours, &c.

(*c.*) British Sculpture.

(*d.*) Gallery of Casts of Classic Sculpture.

(*e.*) National Art Library of Works on Fine Art, Drawings, Engravings, Photographs, &c.

and their purposes.

and are available not only for the Central Museum and Library of reference but also for circulation throughout the country. The system of circulating objects of Art (originals and reproductions), was revised by Minute of 29th March 1860, and a Report upon this function of the Science and Art Department was published in a Parliamentary paper in 1881.

17. In 1865, Her Majesty the Queen graciously lent the Raphael Cartoons for exhibition at the South Kensington Museum. Raphael Cartoons lent for exhibition by Her Majesty the Queen.

18. In 1857 arrangements were made for lighting the Museum and throwing it open to the public on three evenings a week, and since that time, up to the end of 1882, 21,582,102 persons have visited the Museum. From 1856 to 1883 the amount voted for the purchase of objects of Art (originals and reproductions), available both for the Central Museum and for circulation to the provinces, has been 328,099*l*. That for purchases for the National Art Library has been 49,150*l*. The value of the bequests far exceeds the sum total expended. Visitors to the South Kensington Museum. Cost of Art Collections. Bequests.

19. The Department of Science and Art was constituted by Royal Charter dated 30 April 1864 a Body Corporate, since which time it has accepted numerous and valuable bequests of works of Art. Charter of Incorporation.

20. The establishment of the branch Museum of Science and Art at Bethnal Green arose out of two circumstances. The first was an intimation on the part of the inhabitants of the East-end of London of their willingness to provide a site for such a Museum if the Government would organise it. The second was the necessity for removing the larger part of the iron buildings at South Kensington to make room for permanent structures. The materials of the Iron Museum were thus available for re-erection elsewhere. The Treasury approved of the general proposal to use these materials in the formation of District Museums. The Branch Museum at Bethnal Green was to be a National Institution for the reception of objects of Science and Art being National property which are insufficiently provided for elsewhere. There were "one or more classes of objects "in the South Kensington Museum which would appro- "priately constitute the foundation of such a Museum, "such as the collection of Animal Products useful in "manufactures." (*See* Minute of 10th March, 1866.) The site was transferred by the inhabitants of the East-end of London to the Government in February, 1869, and the buildings which had been erected by a Parliamentary grant were completed early in 1872. The Animal Products and Food Collection were removed from South Kensington and the artistic Division of the new Branch Museum was for the time composed of Pictures and Works of Art lent by Sir Richard Wallace. The Branch Museum of Science and Art thus formed was opened by their Royal Highnesses the Prince and Princess of Wales on the 25th June Branch Museum at Bethnal Green.

1872. The Science section of the Museum has maintained its permanent character, but the artistic collections have been changed several times, various and important contributions on loan having been made by private persons. For some time the iron work from the Kensington Art Collections was exhibited at the Branch Museum. Within the last three years all the specimens which illustrate modern phases of ornamental Art have been eliminated from the Art collections at South Kensington and placed in the Branch Museum. Up to the end of 1882, 6,428,479 persons had visited the Branch Museum.

21. The Staff of the South Kensington Museum, including the Bethnal Green Branch Museum, the India Museum, and the Art and Educational Libraries, consists of a Director, 2 Museum Superintendents, 3 Museum Keepers, 10 Assistant Museum Keepers, 8 Junior Assistants, and 9 Technical and Special Assistants.

22. Returns are appended of (1) the Number of Visitors to the Museum at South Kensington, and (2) Votes for purchases of Art and other objects, &c.

RETURN of YEARLY NUMBER of VISITORS from 1857 to end of 1882.

Years.	Number of Visitors.		
	Morning.	Evening.	Total.
1857	120,371	147,920	268,291
1858	237,272	219,016	456,288
1859	263,088	212,277	475,365
1860	347,596	263,100	610,696
1861	379,156	225,394	604,550
1862	849,192	362,177	1,241,369
1863	463,504	263,411	726,915
1864	413,980	239,089	653,069
1865	444,803	248,151	692,954
1866	515,674	240,401	756,075
1867	438,808	207,708	646,516
1868	599,143	281,933	881,076
1869	768,765	274,889	1,043,654
1870	742,880	271,969	1,014,849
1871	690,128	249,201	939,329
1872	840,754	315,314	1,156,068
1873	611,732	247,305	859,037
1874	642,880	271,247	914,127
1875	602,473	227,739	830,212
1876	816,504	356,847	1,173,251
1877	684,541	229,160	913,701
1878	662,186	222,163	884,502
1879	665,722	213,673	879,395
1880	748,502	233,461	981,963
1881	769,117	247,907	1,017,024
1882	760,305	201,421	961,726

VOTE for PURCHASES of ART and other OBJECTS for the SOUTH KENSINGTON MUSEUM and of BOOKS for the NATIONAL ART LIBRARY. Vote for Purchases.

MARLBOROUGH HOUSE COLLECTIONS.

Year ending 31st March.	—	—
		£
1856	Examples (including 12,000*l.* for purchases from the Bernal Collection).	19,656
1857	Examples - - -	7,226

SOUTH KENSINGTON MUSEUM.

Year ending 31st March.	Art Examples.	Reproductions (Casts, Electrotypes, &c.).	Books for National Art Library.
	£	£	£
1858	9,000	—	1,000
1859	11,800	—	1,000
1860	12,170	—	1,000
1861	14,500	—	900
1862	14,500	—	900
1863	16,000	—	1,000
1864	16,000	—	1,000
1865	16,000	—	1,500
1866	10,000	2,000	1,500
1867	10,000	2,000	1,500
1868	10,000	2,000	2,500
1869	10,000	4,000	3,000
1870	8,647	2,000	2,500
1871	8,500	3,000	2,500
1872	8,500	3,000	2,500
1873	8,500	2,100	2,500
1874	8,500	2,500	2,500
1875	8,500	2,500	2,500
1876	10,000	2,500	2,500
1877	6,000	1,000	1,000
1878	8,000	1,500	1,500
1879	6,000	1,500	2,000
1880	6,000	1,500	2,000
1881	6,000	1,500	2,500
1882	8,000	2,000	2,850
1883	10,000	3,500	3,000
	261,117	40,100	49,150

(b.) *Science Collections.*

A Museum for Science.

1. A Museum of Science was contemplated as an integral part of the Science and Art Department from its creation. Sir Charles Trevelyan and Sir Stafford Northcote reporting to the Treasury in 1853 on the Department of Practical Science and Art then under the Board of Trade, referring to the Museum in Jermyn Street, say: "The Museum itself "cannot properly be developed in all its parts for want of "space. The premises were constructed for the limited "object of a Museum of Geology applied to the Arts; and "if the institution is to become a general College of Science "a Museum of much greater extent will be required. A "varied collection of this kind could not be accommodated "in the present building, and much care will therefore be "necessary in selecting only such specimens as are the "most indispensable. It may be hoped that when the "plans of the Royal Commissioners for the Exhibition of "1851 are carried into effect, full provision will be made "for the Museums both of Science and Art."

Science Collections.

2. When the Department of Science and Art was removed from Marlborough House to South Kensington, the Science collection, then for the first time arranged all together for public inspection, consisted of models of patented inventions, of specimens of animal produce and raw materials. A collection of Educational apparatus had been formed by the Society of Arts, and by them offered to the Government, who accepted the gift, for which a portion of the iron building at South Kensington was appropriated. These collections are referred to by the House of Commons Committee on the Museum in 1860 as "well worth preserving." The Patent Museum was also placed in the building, but its management was retained by, and still remains in the hands of, the Commissioners of Patents.

Patent Museum.

Imperfect development of Collections.

3. Owing to a variety of circumstances the collections belonging to the Department were not developed or attended to as much as the Art collections. Some portions of them were removed to Bethnal Green, and in consequence of the want of space in the Museum proper, the remainder, with the Educational collections, were removed to the Galleries round the Horticultural Gardens, part of which belong to the Commissioners of the Exhibition of 1851.

Royal Commission.

4. The Royal Commission on Scientific Instruction and the advancement of Science in their Fourth Report (1874), after describing the various Science collections of the Depart-

ment, viz., the Food collection;* the Animal Products collection;* the Structure and Building Materials collection; the Models of Machinery, Ships, and Naval Appliances; the collection illustrating Economic Entomology and Forestry; the collection illustrating Fish Culture; and the Educational collection; as well as the Museum of the Commissioners of Patents, with its "many most interesting "specimens, especially a series illustrating the History of "the Steam Engine from its earliest days," point out the striking contrast afforded by the British Museum Collections, dealing with Biology, Geology, and Mineralogy; the Jermyn Street Collections, dealing with Geology (Scientific and Economic), Mineralogy, Mining, and Metallurgy; the Kew Collections, dealing with Botany, on the one hand, and, on the other hand, the Collections in the Scientific Department of the South Kensington Museum (including the Patent Museum), where alone has any attempt been made to collect together in a Museum objects illustrating the Experimental Sciences, and state that it is to be regretted that there is at present no National Collection of the Instruments used in the Investigation of Mechanical, Chemical, or Physical Laws; although such Collections are of great importance to persons interested in the Experimental Sciences.

Regret want of proper Science Collections.

5. This defect in our Collections is, they say, already keenly felt by Teachers of Science, and they are assured by high authorities that on the Continent Collections of Scientific Apparatus, when combined with Lectures accessible to workmen, have exerted a very beneficial influence on the development of the skill of artisans employed in making such instruments.

Defects in Collections.

Continental Collections.

6. Lord Salisbury in his evidence before them pointed out the value to makers of scientific instruments of instruction such as would be got from a collection of instruments.

Evidence of Lord Salisbury.

7. They conclude this portion of their report as follows:—

"93. We accordingly recommend the formation of a Collection of Physical and Mechanical instruments; and we submit for consideration whether it may not be expedient that this Collection, the Collection of the Patent Museum, and of the Scientific and Educational Department of the South Kensington Museum should be united and placed under the authority of a minister of State."

Amalgamation of various Collections.

8. In 1876 a Loan Collection of Scientific Instruments and Apparatus—opened by Her Majesty in person—was

Loan Collection of 1876.

* These Collections are now at the Bethnal Green Museum.

exhibited in the Western Gallery, lent for the purpose by the Royal Commissioners of the Exhibition of 1851, the Southern Galleries being left, in accordance with an arrangement made by Mr. W. H. Smith, then Secretary of the Treasury, with the Lord President and Vice-President, in the occupation of the Department, in order to provide space, and to enable the public to obtain access to the Western Gallery from the Eastern Entrance.

interest excited by.

9. The Loan Collection excited a great deal of interest and attention, not only in England, but on the Continent, from whence large contributions were received. Conferences were also held in connexion with it in which the leading men of Science, English and Foreign, took part. And it was generally felt that it would be most unfortunate if this opportunity were lost of establishing a Science Museum on a proper footing. A memorial to that effect, signed by upwards of 140 of the most eminent men of Science in this country, who had taken part in the conferences, was presented to the Lord President of the Council by the President of the Royal Society and the five Chairmen of Conferences. Among the memorialists were the past and present Presidents of the Civil Engineers, the Mechanical Engineers, the Telegraph Engineers, and the Naval Architects. Correspondence ensued with the Treasury and the Commissioners of Patents.

Memorial by Men of Science.

Objects left from Exhibition.

10. Many of the objects contributed to the Loan Collection, such as the early Telegraph Instruments belonging to the Post Office, the Geodetic Instruments belonging to the Ordnance Survey, &c., were left with the Department. But nothing came of the proposal to amalgamate the Patent Museum; and the objects lent by the Commissioners of Patents were returned to it.

Letter to Lord President.

11. In 1879 (three years after the Exhibition of the Science Loan Collection), the President of the Institution of Civil Engineers addressed a letter to the Lord President of the Council, of which the following is an extract:—

"A more suitable place for such a gathering (the Conversazione of the Institution) it would be impossible to imagine, and I think it my duty to state that the many appreciative visitors I had the pleasure of receiving last night were unanimous in expressing their admiration of the value and importance of the National Collection contained in the Galleries in question.

"The Science and Art Department, as is well known, has already very successfully promoted the application of

Art to industrial pursuits. The subject of Technical Education has ever received the earnest consideration of your Grace, and I hope may continue to engage the serious attention of Her Majesty's Government. As one means to this end, I trust the Collection of Engineering Models and objects will not only be maintained, but that hereafter it will be largely extended and systematised, so as to illustrate and popularise to the fullest extent, the many applications of Science to the purposes of daily life."

National Portrait Gallery.

12. In 1879 the ground floor of the Eastern end of the Southern Galleries was given up to the National Portrait Gallery, it had previously had only the upper floor. This Eastern portion of the Southern Galleries was then cut off from the rest, doorways being walled up, &c., and a narrow passage was constructed round it to give access to Western portion of the Southern Gallery and to the Western Gallery in which the Science Collections of the Department still remained.

Patent Museum Collections.

13. The question of the development of the Science Collections of the Department with the addition of the Collections of the Commissioners of Patents remained in abeyance till 1881, when the Lord President, stating that "the importance of having a Museum for Scientific Appa- "ratus is amply established," appointed a Committee to report whether the present Collection formed a nucleus for such a Museum; if so, whether there was much now being exhibited which should be got rid of; and what space would be required for the objects the Committee would recommend to be kept.

Committee.

Constitution of Committee.

14. The Committee consisted of the President of the Royal Society and the Professors of the Normal School of Science and Royal School of Mines with some other officers of the Department.

Report.

15. The Committee assumed that the objects contemplated were those set forth in the memorial before referred to, namely:—

"To assist investigators by 'enabling them to see how 'far, and by what processes, others have advanced in the 'line of research which they may be pursuing; and by 'lending them, under proper precautions, such instruments 'as might be profitably employed in their researches.' Secondly, to offer facilities 'to teachers for selecting, or 'constructing, the apparatus best suited for illustrating 'their lectures.' And, thirdly, to enable 'constructors of 'mechanical and philosophical apparatus to see original

'instruments which they might be required to reproduce or 'improve.'"

And gave their opinion :—

Recommendations.

"That the present Collection does contain many objects suitable for the nucleus of the contemplated Museum Among these are not a few, such as those deposited by the Post Office and the Ordnance Survey, which it is very desirable to preserve. And your Committee cannot but believe that, if such a place of deposit were once established under competent direction, many other objects of interest would find their way thither, and thus would be saved from destruction, inevitable on the growth of the Departments or Institutions to which they might still technically belong."

Committee on Structural Collections.

16. At the same time the Lord President appointed a Committee consisting of Mr. C. Hutton Gregory, late President, I.C.E.; Mr. Street, President, R.I.B.A.; Mr. J. Abernethy, President I.C.E., and Major Seddon, R.E.; the Examiner under the Department in Building Construction to report on the Structural Collection, and to advise whether it should be maintained; and if so, in what direction it should be developed; and what specimens might with advantage be removed.

Importance of these Collections.

17. The Committee in their report after referring to a notable instance of its results in the improvement of terra-cotta for structural purposes, came to the conclusion that the maintenance of the Structural Collection at South Kensington is highly desirable on public grounds, and strongly recommended my Lords to sanction its maintenance, revision, and development.

Committees of Reference and Advice.

18. Standing Committees have now been appointed as "referees or advisers as to purchases, elimination of objects, "cataloguing, and general arrangements," on the Science Collections, the Naval Models, the Food Collection, the Animal Products Collection, the Collection of Economic Entomology, the Structural Collection, the Fish Collection,

Labours of Committees.

and the Educational Museums. The Committees have recently commenced their labours. Collections such as these require constant sifting, the elimination of obsolete, and the incorporation of new and important objects. Little if anything has been done for years, except in the section of Mechanics, to bring the collections up to date because of the uncertainty, not only as to what form this branch of the Museum was ultimately to take, but as to how long the limited area now allowed to it could be retained. A considerable part of the collections must consist of loans,

and it was not thought advisable to ask instrument makers* and others to send objects which might have to be returned in a few days. Judging from the reports already made by the Committees it does not appear that any considerable proportion of the objects now exhibited will have to be removed. As regards the exception above referred to it should be noted that thoroughly competent authorities have stated that the collection of models for the teaching of Mechanics is better and more complete than that in any other institution in England and America. As the idea of teaching Mechanics by experiment and illustration, or otherwise than purely mathematically, is of very recent date, the great importance of this collection cannot be overrated.

Models for "Mechanics."

19. The Patent Bill of the Government now before Parliament proposes that the Patent Museum shall be handed over to this Department. This collection will require considerable space even after any reasonable weeding.

Proposed transfer of Patent Museum.

20. The interest taken by the public in these scientific collections is shown by the following figures. During the five months and a half that the Science Loan Collection was open it was visited by 260,525 persons. And it appears that the average number of visitors for the three years 1880, 1881, and 1882, was to the—

Visitors to Collections.

Patent Museum -	- 270,477
Science Collections -	- 153,736

21. Casual visitors are not likely to turn off from the broad entrance to the National Portrait gallery into the narrow passage which leads round that Gallery to the Science Collections, and yet the average number of visitors to the former was only 81,410. The large proportion of the visitors must be interested in the Science Collections, and must come with the express intention of seeking out and studying them.

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* There appears to be some misapprehension that these illustrations of Scientific Apparatus are mere "trade advertisements." They are trade advertisements in so far as the makers' names and the prices are affixed to them. Their usefulness depends on this. They are exhibited to enable teachers and others to compare and select. The instrument maker, however, is not permitted to exhibit what he pleases; but only that which is considered to be of use for the purposes of this Department. One of the uses is directly connected with the administration of the Parliamentary grants. Aid is granted to the Schools in the purchase of Apparatus and Diagrams specified in the Department's lists. The articles may be purchased from any maker provided he exhibits type specimens for reference in the Museum. It would be unjustifiable, even if it were possible, to give one maker a monopoly. It is therefore necessary to impose this condition as a check and guarantee against fraud.

Use to Science School.

22. Objects in the Science Collection are of constant use in the instruction in the Normal School of Science. It is in fact the Science Museum connected with the general College of Science contemplated by Sir C. Trevelyan and Sir Stafford Northcote in their report to the Treasury in 1853. The collections are specially useful for the classes of teachers brought up from the country annually for short courses in the Science School.

Necessity for a Science Museum.

23. The value of, indeed the necessity for, a Science Museum as lying at the base of Scientific and Industrial progress, which was so strikingly foreseen in the Treasury Report above quoted, has been fully recognised by the Royal Commission on Scientific Instruction by whom its usefulness to the man of Science is compared to that of a Library to the student of literature. In the Memorial and Reports of Committees already referred to their views were endorsed by nearly every man in the country qualified to express an opinion on the subject.

Museum of Fish Culture.

Mr. Buckland's connexion with Department. Construction of Fish Hatching Apparatus, 1864.

24. In 1863 Mr. Buckland was requested to report upon the Food and Animal Products Collections. In 1864 he commenced the construction of a fish hatching apparatus in connexion therewith, towards which my Lords sanctioned an expenditure of 15*l.* in 1865. This apparatus requiring a constant supply of fresh water was erected apart from the rest of the Collection, in the central corridor of the buildings at the South of the Royal Horticultural Gardens. Mr. Buckland received a fee from the Science and Art Department from year to year for superintending it.

1865. Mr. Buckland's Collection to illustrate Fish Culture.

25. In the Annual Report for 1866, p. 232, the formation during 1865 of a separate Collection for the purpose of more fully illustrating the Economics of Fish Culture and Preservation is alluded to. This Collection was supplemental to the Fish Hatching Apparatus and was "the private property of Mr. Buckland," and at his earnest request he was allowed to develop it as his private Collection. About the same time he asked for better accommodation for the fish he had hatched and was hatching." The continuance of his experiments in "Fish Hatching" was accordingly authorised for another year, and the Horticultural Society were applied to for permission to sink a larger tank in their gardens, which they granted.

26. Mr. Buckland's services were continued from year to year and paid for by a fee, in respect of the Fish Hatching Apparatus, which in 1867 was moved to a position in the Central Hall of the Royal Horticultural Gardens. 1867. Collection removed to S. Gallery.

27. In 1870 the Fish Hatching Apparatus with Mr. Buckland's Museum was moved to the southern end of the Western Arcades, which was lent by the Royal Horticultural Gardens, Kensington, and has remained there ever since. 1870. Collection removed to W. Arcade.

28. In 1880 Mr. Buckland died and left his Collection to the Department. In 1881 the Department made its first purchases of specimens of fish and apparatus for hatching fish. These were obtained from the Norwich Fisheries Exhibition of that year. From the Edinburgh Fisheries Exhibition of 1882 other purchases were made. The Department also at this time accepted a Collection of British Fishes from Dr. Day. Since Mr. Buckland's death specimens have been lent to Provincial Exhibitions. Professor Huxley reported in 1882 upon the Collection, and suggested a revision of it after the conclusion of the pending International Fisheries Exhibition of 1883. 1880. Death of Mr. Buckland; his bequest to Department. First purchases by Department. Professor Huxley's Report upon the Collection and scheme for a Fisheries Museum.

29. By his will Mr. Buckland, after giving a life interest in the residue of his property to his widow, has devised and bequeathed it after her decease to his Trustee to raise thereout the sum of 5,000*l.* to be handed over to the Lords of the Committee of Council on Education to form an endowment for the foundation of a Professorship of Economic Fish Culture, to be called the "Buckland Professorship," under regulations to be approved by the Department. Foundation of a Buckland Scholarship.

30. A Committee of Advice and Reference has been appointed consisting of:—Professor Huxley, Sir J. R. G. Maitland, Bart., Edward Birkbeck, Esq., M.P., and Dr. Francis Day.

Committee on Solar Physics.

1. The Committee consists of the following members:—
   Professor G. G. Stokes, Sec., R.S.
   Professor Balfour Stewart, F.R.S.
   Mr. J. Norman Lockyer, F.R.S.
   Captain W. de W. Abney, R.E., F.R.S.
   Lieut.-General Strachey, R.E., C.S.I., F.R.S.
   Mr. W. H. M. Christie, M.A., F.R.S., Astronomer Royal.
   Colonel Donnelly, R.E., and
   Mr. F. R. Fowke, Secretary.

The mode of its formation is detailed below.

Report of Royal Commission.

2. In the year 1875 the Royal Commission on Scientific Instruction and the Advancement of Science, in their eighth and final Report, strongly recommended the establishment by the State of an observatory for solar physics. They stated that their opinion is confirmed by the action of foreign countries in this matter, observatories for astronomical physics having been already established in various parts of Italy, while their immediate erection had been decided upon in Berlin and in Paris. The Royal Commission further expressed a hope that similar institutions might be established in various parts of the British empire, and they particularly called attention to the great advantages that India afforded for continuous observations at certain high level stations, which are so important in this matter. In 1876 a large and influential deputation from the British Association had an interview with the then Lord President of the Council, the Duke of Richmond and Gordon, to urge on the Government the necessity for taking action on this and other recommendations of the Royal Commission. In replying to that deputation the Duke of Richmond stated that Mr. Lockyer had been transferred from the War Office to the Science and Art Department, and that facilities were being afforded him for carrying forward the researches bearing on this subject, in which he had been engaged for several years.

India.

Deputation to Lord President.

Appointment of Mr. Lockyer.

Memorial by Men of Science.

3. Shortly afterwards a memorial was presented by a large number of eminent men of science on the same subject. They based their appeal for the formation of an observatory for astronomical physics on the fact, that in the opinion of a considerable number of scientific men there was a more or less intimate connexion between the state of the sun's surface and the meteorology of the earth, and they called attention to the fact that recent independent investigations on the part of several persons had led them to the conclusion that there was a similarity between the sun spot period, periods of famine in India, and cyclones in the Indian Ocean. They conclude by saying, "We remind "your Lordships that this important and practical scientific "question cannot be set definitely at rest without the aid "of some such institution as that, the establishment of "which we now urge." The Lords of the Committee of Council on Education referred this memorial to Professor Stokes, Professor Balfour Stewart, and General Strachey for their opinion as to whether a commencement might not be made to give effect to the proposals of the memorialists

Sun spots, relation of famines and cyclones.

Committee appointed.

by utilizing the chemical and physical laboratories at South Kensington, and the detachment of Royal Engineers stationed there. The terms of the reference are given in Lord Sandon's letter of 13th August 1877, printed in a Parliamentary paper as a return to an address of the House of Commons moved by Lord Lindsay, M.P., on March 20th 1879. One sentence from it runs thus:—"Although we "are not at present in a position to consider the establish- "ment of a Physical Observatory on a comprehensive scale "we believe that some advantage can be gained if a new "class of observations can be made with the means at "command, since the best method of conducting a physical "observatory may thus be worked out experimentally, and "an outlay eventually avoided, which, without such expe- 'rience, might have been considered necessary." Lord Sandon in his letter suggested that the Astronomer Royal should be consulted on the subject, and he stated that, "We propose to ask General Strachey to act with you, "especially with a view to advising us as to how far any "arrangements made at South Kensington may be worked "with or form part of the system of observations which, "we are informed, are in contemplation for India." At that particular time the Indian Government on the suggestion of Mr. Lockyer, in the hope that this co-operation might be secured, had made arrangements for having daily photographs of the sun taken at Dehra-Dun, in the North-west provinces, by Mr. Meins, who, while he was a sapper in the Royal Engineers, had been trained by Mr. Lockyer. The Committee above referred to reported at the end of 1877, and they stated what, in their opinion, might be done at once and without entailing any serious cost. This report also is given in the Parliamentary paper, to which allusion has already been made.

Lord Sandon's letter.

Observations in India.

Recommendations of Committee.

4. In November 1878, the Duke of Devonshire, as Chairman of the Royal Commission on Scientific Instruction and the Advancement of Science, wrote to the Lord President again calling attention to the subject, and urging that the Report of this Committee should be acted upon. In 1879 a sum of 500*l.* was taken in the estimates for the expenses of the Committee on Solar Physics, and the present Committee was formed to make trial of methods of observation, to collect observed results, to find out what is being done in foreign countries, to collect as far as possible and bring together all existing information on the subject, and finally to reduce the Indian observations which have been made since the time when Mr. Meins was sent to India. The

Representation by Duke of Devonshire.

First Parliamentary Grant.

Preliminary Report of Committee. Committee made a preliminary report in 1880 which was presented to both Houses of Parliament, and has been published. Since that time 500*l.* has been annually voted by Parliament to defray the Committee's expenses.

Annual Vote.

Report. 5. In 1882 the Committee made a Report which was presented to both Houses of Parliament. This Report after some general preliminary observations gives a résumé of

Connection of Solar and Terrestrial Phenomena. the state of our knowledge of Solar Phenomena, at the time of the appointment of the Committee in 1879, and of the connexion between such phenomena and the magnetism of the earth as well as between Terrestrial Meteorology and

Work of Committee. Solar Phenomena. It then gives an account of the work of the Committee including correspondence with the Indian Government and Solar observers, sun pictures, actinometry, earth thermometers, photoheliographs, sunspot catalogue and measurements, heights of rivers, Eclipse of May 1882, Lectures at South Kensington, and research work bearing

Conclusions. upon Solar Phenomena and its connexion with Terrestrial Phenomena and the work published. The Report then gives the conclusions at which the Committee had arrived, with a Summary of Recommendations and a number of Appendices.

6. The Committee is now at work on :—

(*a.*) The organization of similar observations of the sun at various parts of the earth's service.

Photographs. (*b.*) The organization of a system of daily photographs at various observatories, including Greenwich, on a larger scale than that hitherto attempted.

Early Observations. (*c.*) The collection and discussion of the earliest observations of solar spots since the employment of photography.

Actinometric observations. (*d.*) The introduction of actinometric observations at great heights, and the discussion of the best means both of making and recording such observations.

Spectroscopic observations. (*e.*) The spectroscopic observation of solar spots with reference to the chief lines widened in each.

Laboratory experiments. (*f.*) Laboratory experiments in connection with the observations made on the sun since the introduction of the new method.

Indian photographs. (*g.*) The reduction of the Indian photographs with the assistance of the Astronomer Royal.

Motions in spots. (*h.*) The taking of photographs of the sun on a large scale with reference to the motions in spots, and on the general surface of the sun after the manner employed by Dr. Jannsen at the Observatory at Meudon.

Eclipse observations. (*i.*) The organization of eclipse observations and the discussion of the records obtained by them.

Scientific Research.

Grants for Research were first made in the year 1876–77, and the correspondence which led up to them is printed at page 7 of Appendix to 24th Report of Science and Art Department. In accordance with detailed recommendations made by the Royal Society and submitted for approval by the Lords of the Committee of Council on Education, a sum of 4,000*l.* was annually allotted in amounts varying from 50*l.* to 300*l.* to persons engaged in original scientific research. These grants were in some cases personal and in others for the payment of assistants and for the provision of apparatus. The grant was made experimentally for five years, and at the end of the financial year 1881–82 the question of its renewal formed the subject of some correspondence with the Treasury. This is given in Appendix A, p. 43, of 29th Report of Department. In accordance with the decision of their Lordships, this grant will be made in future by the Treasury directly to the Royal Society, the Science and Art department being no longer responsible for its administration.

1st Grants.

Royal Society's recommendations.

Renewal of Grants through Royal Society.

GEOLOGICAL SURVEY.

1. The Geological Survey of Great Britain was commenced in 1832 by Mr. (afterwards Sir Henry) De la Beche in connection with Trigonometrical Survey under the Board of Ordnance. In 1845 the Geological Survey was transferred to the Office of Works, in which year also the Geological Survey of Ireland was begun under Captain (afterwards Sir Henry) James, R.E. In 1853 the Geological Survey of the United Kingdom was placed under the direction of the Science and Art Department. In that year, also, a a Committee of Inquiry into Public Offices, reporting on the Science and Art Department, recommended certain alterations in the salaries of the Staff of the Geological Survey and in its organization. In 1867 the Geological Survey of Scotland was placed, as a separate branch, under the direction of Professor A. Geikie, that of England and Wales remaining under the direction of Mr. (afterwards Sir Andrew C.) Ramsay. With the sanction of the Treasury a re-organization of the officers was made, and also a large addition to the Staff of each these Surveys, at an estimated increased expenditure of 7,500*l.* On the retirement

Origin.

Transfer to Office of Works.

Transfer to Science and Art Department.

Treasury Inquiry.

Scotch Branch.

Reorganization.

Director-General. of Sir Andrew C. Ramsay, Professor Geikie was appointed Director-General.

Increase of pay. 2. In 1883 the Treasury agreed to certain increases of pay to the Assistant Geologists, Geologists, and Assistant Librarian (*see* letters of 6th December, 1882, 30th January, 10th February, 13th and 30th March 1883).

Progress of Survey. 3. With reference to the progress of the Survey, it was computed, in July 1881, that by concentrating as far as possible the attention of the staff to the completion of the

Completion of 1-inch maps. map on the 1-inch scale of the whole kingdom and deferring the re-survey on the 6-inch scale of such portions of the mineral districts as had not yet been completed on that scale, and deferring also the revision of the early maps on the 1-inch scale until the general map on that scale had been completed, the mapping of the solid and superficial

England, Ireland, Scotland. geology of England and Wales would be completed on the 1-inch scale in 2½ years, of Ireland in 7½ years, and of Scotland—by the transference of seven men on the com-

Re-survey. pletion of the English survey—in 11 years. The re-survey for the superficial geology of those portions of England and Wales which were originally only surveyed for their solid

6-inch maps. geology will then take about 20 years. With regard to the surveys on the 6-inch scale which were not stopped, it was computed that, that of the Flintshire coal-field would be completed at the end of last year, as well as parts of Cumberland, Westmoreland, and Northumberland which were being revised on that scale. The districts which would then remain to be surveyed on the 6-inch scale would be the coal-fields of the Middle of England, the Forest of Dean and the South Wales coal-fields.

THE MUSEUM OF PRACTICAL GEOLOGY.

Origin of Museum. 1. This Museum originated from a representation submitted in July 1835, by Sir Henry De la Beche to the Chancellor of the Exchequer. The approval of the Government having been obtained, Sir Henry was authorised to proceed in the development of his idea.

Transfer to Jermyn Street. 2. In 1837, Lord Duncannon, Chief Commissioner of Woods and Forests, allotted apartments in No. 6, Craig's Court, to receive the nucleus, around which has gathered the present collection. The Museum of Economic Geology (as it was first named) was transferred to Jermyn Street, and opened to the public in May 1851.

3. The Museum was designed to illustrate mainly the Geology of Great Britain and Ireland, and to show the practical application of Geological Science. Thus, besides the strictly Geological Collections, it contains specimens illustrative of the ores of the useful metals, of their mode of occurrence, and of the methods of preparing them for smelting; of mineral substances used in the construction of public works and buildings, and of those employed for ornamental purposes, or for chemical and metallurgical manufactures. The processes of converting these raw materials into industrial products are illustrated, and examples of the results are displayed. The various arts connected with the mineral resources of the country are illustrated by specimens showing varieties or peculiarities of manufacture. Objects of Museum. Contents.

4. Models of mines, mining tools, and working models of mining machinery are collected with the view of exhibiting the various modes of mining in different districts. To these are added from time to time models and specimens of machinery and tools for general purposes.

The Director-General of the Geological Survey is also Director of the Museum, and the Staff consists of (1) a Registrar, Curator, and Librarian, (2) an Assistant Librarian, (3) an Assistant Curator. Staff.

MINING RECORD OFFICE.

1. This office was founded upon the representation of the Council of the British Association by a Memorial passed at a meeting held in Newcastle-upon-Tyne, on the 25th August 1838. In this document is mentioned "the expediency of establishing as soon as possible a National "Depository for the preservation of documents recording "the Mining operations of the United Kingdom." The Mining Record Office was established on the 29th September 1840, when Mr. T. B. Jordan was appointed as "Keeper of Mining Records" and devoted his attention to the Collection of Plans and Sections of Mines and to the construction of Mining Models. Mr. Jordan resigned his office in 1845, when he was succeeded by Mr. Robert Hunt. In addition to the Collection of Mining Records, Mr. Hunt commenced in 1846 a statistical inquiry into the Copper and Tin raised in Cornwall, and in 1847 he published more complete returns of our Mineral produce. In 1853 a Committee consisting of Sir Stafford Northcote and Sir Charles

Trevelyan reported strongly on this office as an "interesting " and valuable Department," and recommended that the whole time of the Keeper of Mining Records—who until now was also Lecturer on Physical Science—"should be " devoted to the Record Department." From this time the "Volume of Mineral Statistics" in its more complete character has been annually published.

2. On the 3rd April 1882 a Treasury Committee consisting of Colonel Donnelly, R.E., Professor Geikie, Mr. Puller, Dr. Le Neve Foster, and Mr. Dickinson reported on the Mining Record Office, and recommended that it should be transferred to the Home Office as soon as the necessary arrangements could be conveniently made. They added, "The " work is of national importance, and the staff of the office " should be maintained in its efficiency," and "We think it " only right to state, that we believe that great credit is " due to Mr. Robert Hunt and his Assistants for the " manner in which their duties have been carried out, and " the skill and tact with which the material for the annual " statistics has been obtained." The proposed transfer has now taken place.

SCIENCE AND ART MUSEUM, EDINBURGH.

Foundation.

1. The Natural History Museum of Edinburgh was established in 1812. It contained Zoological, Geological, and Mineralogical Collections. The greater portion of it was formed by the exertions of Professor Jameson, who was for fifty years Professor of Natural History and Regius Keeper of the Museum. It was then in connexion with the University, but received a Government grant of 100*l.* a year, increased to 200*l.* in 1831. In 1819, a selection from Mr. Bullock's Museum and the entire collection of M. Dufresne were purchased for 3,000*l.* by the Senatus Academicus.

2. In 1820 the Museum was opened to the public, on payment.

Transfer to Department.

3. In 1854 it was resolved by the Town Council, who were at that time the patrons of the University, to transfer the Museum to the Department of Science and Art, then under the Board of Trade; the deed of transfer was dated 13th May 1855. In 1857, the Department of Science and Art having been transferred to the Privy Council Committee on Education, the Museum passed under its control.

Conditions of transfer.

4. The conditions proposed for the transfer, and under which it was actually made, are contained in letters

addressed, on the 1st April 1854, by Dr. Playfair to the Lord Provost of Edinburgh and to the Secretary of Her Majesty's Treasury; in the resolution of the Senatus Academicus on the 4th April 1854; and in the deed of transfer. The following appear to be the chief provisions:—

5. The entire surrender by the Senatus Academicus of its Natural History Museum to the sole control of the Government. The Natural History collections to be fully available to the Professors of the University for instructional purposes, with the consent of the Director of the Museum. The reservation of right of free admission for members of Senatus and Natural History Professor's Students. This privilege was subsequently extended to all matriculated students of the University. The free admission of the public on certain days. This free admission commenced on 8th October 1855, and the exemption of the Senatus from any liability for maintenance rendered necessary by the partial abolition of admission fees. The continuance of the Professor of Natural History (who was then also the Regius Keeper of the Museum of Natural History) in charge of Natural History specimens, subject to future rules. His direct responsibility to the Department, but without prejudice to the responsibility of a future Director.

Buildings.

6. The buildings on the site of the intended Museum were transferred to the Board of Trade at the close of the summer of 1855; the contract for the erection of the first portion of the structure designed by Captain Fowke, R.E., was signed on 13th May 1861, and the building at once commenced, the foundation stone being laid by His Royal Highness the Prince Consort on 23rd October 1861. On the completion of the building the Natural History collections were entirely removed from the College. On 19th May 1866 the Edinburgh Museum of Science and Art was opened by His Royal Highness Prince Alfred; the second portion of the permanent building was completed in 1874, and opened to the public on the 14th January 1875.

Opening of New Museum.

Officers.

7. Professor George Wilson was appointed Director of the Industrial Museum of Scotland in February 1855. Professor George J. Allman entered on his duties as Keeper of the Natural History Museum in October 1855.

In 1859 Professor Wilson died, and was succeeded (May 1860) by Professor Archer, who was styled Superintendent of the Industrial Museum.

Professor Allman resigned his position in 1870, and Professor Wyville Thomson was appointed in his room.

Reorganisation.

8. After the transfer of the Natural History Collections the position of the Regius Keeper was found anomalous; as Professor of Natural History he was responsible to the University, and as Keeper responsible to the Science and Art Department. It was, therefore, determined to sever the offices, and in the year 1873 Dr. Traquair was appointed Keeper of the Natural History Collections.

Change of designation

9. The name of the Museum was changed on 1st December 1864 to Science and Art Museum, and on the 1st April 1866 (in accordance with the recommendations of a Treasury Commission) Professor Archer's salary was increased and his title altered to that of Director of the Museum.

Duties of Director.

10. The Director of the Museum is its official head and the channel of communication with the Science and Art Department. All matters of discipline; the general supervision of the work and regularity of attendance of the staff; pay and money disbursements, provision for furniture and cases, and for their cleaning and arrangement; the rules for the opening of the Museum, the admission of visitors, and the general custody and safety of the objects, are all matters for which the Director is responsible to the head of the Department. It is incumbent on the Director to refer all scientific questions connected with the Natural History Department to the Keeper.

Technological Collections.

11. The formation of the Natural History Collections has been indicated above. The Industrial Collections consisted in the first instance of specimens of raw and manufactured materials given by the Royal Commissioners of the Exhibition of 1851, a Collection of Models presented by the Highland and Agricultural Society of Scotland, and of specimens contributed by manufacturers in different parts of the country. Additions to these were made in subsequent years both by donation and by purchases from the Parliamentary Grant, and from the year 1864 whilst largely maintaining its special Technological character, the Museum has merged into a general Museum of Science and Art. The Library was formally organised during 1857, and, in addition to many valuable works on Art and Science, includes a complete collection of specifications of patents, which are available to the public.

Library.

SCIENCE AND ART MUSEUM, NATIONAL LIBRARY AND BOTANIC GARDENS, DUBLIN.

Royal Dublin Society.

1. In order to make the present position of the Science and Art Museum in Dublin clear, it is necessary to trace briefly the history of the Royal Dublin Society and of the Museum of Irish Industry from which it sprang.

Its origin.

2. The Royal Dublin Society had its origin in a private association formed in 1731, for improving husbandry, manufactures, and other useful arts and sciences. The association was incorporated in 1749, and by successive acts of the Irish Parliament it was entrusted with the formation and management of Drawing Schools, a Botanic Garden, and a Museum of Natural History. Professorships of Botany, Chemistry, Mineralogy, and Natural Philosophy were established; a library for the use of teachers and students were formed, and this gradually acquired a more extended public character. A Committee of the House of Commons reported on the Society in 1836.

Committee of House of Commons 1836.

Museum of Irish Industry and Government School of Science.

3. In 1845 it was determined to create in Ireland an institution similar to the Museum of Practical, or rather as it was then termed Economic, Geology, which had been established in England. For this institution a house was taken in St. Stephen's Green in 1847, and the necessary alterations and additions were completed in 1852. It had, however, already in 1847 been extended from its original object of a Museum of Economic Geology, and under the name of "Museum of Irish Industry and Government "School of Science applied to Mining and the Arts," its scope was enlarged so as to embrace the whole range of the Industrial Arts. In 1853 it was transferred from the Office of Woods and Forests to the then recently created Department of the Board of Trade, the Department of Science and Art. Several professorships were established in connexion with it, and in 1854 a Minute was passed defining the limits of the Royal Dublin Society and the Museum of Irish Industry and School of Science applied to Mining and the Arts, respectively, as to collections; and relieving the former of the superintendence of its educational staff.

Minute of 1854.

4. In consequence of the strong opposition of the Royal Dublin Society the arrangements proposed by this Minute were considerably modified. The Government did not recede from their determination to maintain the Museum of Irish Industry as a separate institution, and not to support a double staff of professors. But to meet the wishes of the Royal Dublin Society, who strongly objected to part entirely with their educational staff, Mr. Cardwell, the

Committee of Lectures.

then President of the Board of Trade, consented to create a committee, called the Committee of Lectures, who were entrusted with the general arrangement of the lectures which were common to both institutions, and were given partly in one lecture theatre and partly in another. They were also given charge of the provincial lectures. The committee consisted of four persons elected by the society and four nominated by the Government. The regular or systematic courses, as they were called, which were given in the Museum of Irish Industry were not under this committee.

Minute of 1865.

5. This complicated system remained in operation till 1865, when the Lords of the Committee of Council on Education passed a Minute, of which the following extract will show the arrangements then made :—

"*Scientific Institutions and Instruction in Dublin.*

"(*a.*) My Lords take into consideration the Report of the Select Committee of the House of Commons on Scientific Institutions in Dublin, 1864, the Report of the Treasury Commission of 1862,* and the correspondence and various documents, &c. on the subject.

"(*b.*) The Vice-President stated the result of the investigations he had recently made on the spot into the several institutions in Dublin.

Recommendations of Commission of 1862.

"(*c.*) The Report of the Treasury Commission of 1862 recommended the abolition of the Museum of Irish Industry, and the concentration of all its collections under the charge of the Royal Dublin Society, except that of the Geological Survey, which was to remain under its own officers. The Society was also to be intrusted with direct scientific instruction in certain subjects by means of public lectures, which the Commission considered it advisable should be continued in Ireland as supplementary to the ordinary instruction in science provided for by the Science Schools and Classes of the Science and Art Department, and applicable as well to Ireland as to other parts of the United Kingdom.

Of Committe of House of Commons 1864.

"(*d.*) The Select Committee of the House of Commons of 1864, on the other hand, recommended the retention of the Museum of Irish Industry as a separate institution, and a redistribution of duties between it and the Royal Dublin Society, and stated it as their opinion that the technical

* This consisted of Lord Justice Blackburn, Sir R. Griffiths, Sir C. E. *Trevelyan*, and Captain Donnelly, R.E.

and scientific instruction given in Dublin at the expense of the State should not be entrusted to a body of private gentlemen like the Royal Dublin Society, but rather to a public scientific institution as in London, under a proper system of responsibility, with examinations and prizes or certificates of competency. They recommended that the Royal Dublin Society should be confined to the arrangement proposed in 1854, and altogether relieved of its educational functions, so called, pointing out that 'much of the sub-'stance of their resolutions may be found represented in 'a memorandum submitted by Mr. Cole to the Science and 'Art Department in January 1854.' This memorandum suggested that the promotion of direct instruction should be confided to a College of Science proposed to be founded on the Museum of Irish Industry, and that the Royal Dublin Society should take charge of those institutions which partook of the nature of public exhibitions, such as the Botanic Gardens, the Zoological Museum, &c.

"(*e.*) The Select Committee of 1864, however, while thus broadly indicating the division which should exist between the functions of these two departments, modified in several respects the application of the general principle, and proposed that the Royal Dublin Society should still remain charged with educational functions in respect of agriculture. Their report also recommended the establishment of a veterinary school, on the grounds that 'a veterinary school and 'an agricultural chemist are legitimate adjuncts to a 'society originally formed for the encouragement of agri-'culture and the improvement of land, and containing so 'large a body of country gentlemen perfectly capable of 'forming a judgment in veterinary matters and the appli-'cation of agricultural chemistry.'

"(*f.*) My Lords are prepared to adopt the general principle of the recommendations of the Select Committee, subject to the approval by Parliament and the Lords Commissioners of Her Majesty's Treasury of the increased expenditure which will be necessary for efficiently carrying out the same. They are of opinion that it is unadvisable to make any modification of the broad principle laid down by the Select Committee, and that a clear line of demarcation between the functions of the Museum of Irish Industry and the Royal Dublin Society should be strictly maintained so as to avoid future complications. They therefore determine that the grant of public funds shall in future be afforded in Dublin—(I.), to instruction in science applied to industry as one public object administered wholly by one authority; and (II.), to the exhibition of scientific

Decision of the Government.

collections as a second public object to be administered by another distinct authority.

"(*g.*) The other several objects such as a Veterinary College, although they may be fit objects for a private society, such as the Royal Dublin Society, do not appear to be of a character which ought to be maintained out of the general taxation, and are not such as my Lords are prepared to recommend for Parliamentary aid. They see that this contingency has been met by the Select Committee, who suggest in their report, 'that a portion of the private contributions of the Society may be applied to the maintenance of this department,' namely the Veterinary School.

"*Royal Dublin Society.*

"(*h.*) My Lords propose that the following departments of the Royal Dublin Society shall be wholly supported by public funds, like the corresponding public institutions in London, the Society acting as trustees and being responsible for their administration:—

"The Museum of Natural History, including Mineralogy.

"The Botanic Gardens and Museum at Glasnevin.

"The Library of the Royal Dublin Society.

"Leinster Lawn, which should be made a public ornamental garden, instead of remaining, as at present, a waste space between the National Gallery and the Museum of Natural History.

"The whole of the premises of the Royal Dublin Society, and the necessary staff of the Society for conducting the business involved in the above-mentioned objects.

"(*i.*) The theoretical limitation of the amount of public funds to 5,500*l.* annually should be abolished, and the annual grants necessary for keeping the above departments in efficiency considered on merits and submitted to Parliament every year,

"(*j.*) The Royal Dublin Society would thus be relieved of all restrictions on its action in the application—in accordance with the charter and objects of the Society—of the subscriptions of its members and any other private funds, and not be subject to the Audit Office in respect of such private funds. The Society would be thus free to encourage any objects it has at heart, even those of direct instruction, without asking for the sanction of the Science and Art Department, as is necessary under the present arrangement.

"*Museum of Irish Industry.*

Recommendation of Committee

"(*k.*) Turning now to the Museum of Irish Industry, my Lords find that the Select Committee recommended one of

two courses, either that the Museum of Irish Industry should have at least the same scope given to it as the Museum in Jermyn Street, and be placed on the same footing as a School of Mines as regards its collections, professors, and lectures, or that those lectures and collections might be extended to the illustration of such other industrial objects as may be sanctioned by the Government. While suggesting, however, that the scope of the Museum should be thus widened, and quoting approvingly the before-mentioned memorandum of Mr. Cole's to that effect, the Committee decline to give any decided opinion on the ground of its being too wide a subject to be dealt with by them, leaving it thus an open question for the consideration of Her Majesty's Government. of House of Commons.

"(*l.*) It would appear that the one School of Mines already existing in Jermyn Street is not largely attended, and is amply sufficient for the wants of the whole United Kingdom, and there probably would not be sufficient attendance to justify the establishment in Ireland of a second school with a large staff, for this object alone, as the few special mining pupils from that country might easily join the school in London.

"(*m.*) My Lords consider that for these and other reasons the Museum of Irish Industry should have a wider scope given to it than that of a School of Mines; that it should become a College for affording a complete and thorough course of instruction in those branches of Science which are more immediately connected with and applied to all descriptions of industry, including Agriculture, Mining, and Manufactures; that it should in this way supplement the elementary scientific instruction already provided for by the Science Schools of the Department; and that it should assist in the training of teachers for these schools. Creation of College of Science.

"(*n.*) The Museum of the College of Science should be entirely subordinate to, and contain only such collections as are essential to the instruction in the College, but should still remain the depository for the Collections of the Geological Survey. It is advisable, therefore, that the Museum should hand over to the Royal Dublin Society its Portlock Collection of Birds and Fishes, and receive from the Royal Dublin Society its collection of Physical instruments and apparatus.

"(*o.*) This arrangement, embodying the spirit of the recommendations of the Select Committee as respects both the Royal Dublin Society and the Museum of Irish Industry, my Lords believe to be based upon a broad, clear, and intelligible principle of action, they trust that it will

remove the present causes of controversy, and commend itself to the judgment of Parliament."

Result.

6. The Museum of Natural History, the Botanic Gardens, and the Library, thus became public establishments wholly supported by public funds. The Institution in St. Stephen's Green ceased to be developed as a Museum or to bear the name of "Museum of Irish Industry," and its "School of Science applied to Mining and the Arts," was converted into the "Royal College of Science." (*See* Royal College of Science, p. cvi.)

7. The Collections of the Museum of Irish Industry proper still remain on the premises of the College of Science, and with the collections of the Geological Survey, are still exhibited there, but will shortly be transferred to the new Science and Art Museum.

8. The collections consist of a mineralogical collection; of a technological collection, illustrative of building materials, mining and metallurgy and fuel, ceramic and glass manufactures; of vegetable and chemical products, and a few models. They are in charge of the Curator of the Museum. The collections in charge of the Director of the Geological Survey in Ireland are the palæontological and rock collections.

Charter of Royal Dublin Society.

9. The Commission of 1862 considered that the constitution of the Royal Dublin Society as a body to be entrusted with the disbursement of public money was faulty, in that full powers were not vested in the council to act on behalf of the Society, but that its decisions were liable at any time to be reversed by a vote of a General Meeting. It therefore recommended that the Society should obtain a new charter conferring the necessary powers on the council. The imposition of this condition was concurred in by the House of Commons Committee in 1864, and a new charter was obtained in January 1866; by which full authority to act on behalf of the Society was delegated to the council.

New Charter.

Managers of Museum and Botanic Gardens.

10. As trustees the society were responsible for the administration of the Museum of Natural History, the Botanic Gardens, and the Library, the funds for the support of which were entirely supplied by the State. The council appointed the curators and other officers, and looked after the management by means of standing committees.

Employment of private funds.

11. Out of its own funds, which amounted to about 1,100*l.* or 1,200*l.* a year, the society supported the Agricultural Museum and held Agricultural shows. All the *buildings* of the Royal Dublin Society, including the Agri-

cultural Hall and Museum and exhibiting yard, were maintained by public funds. The officers of the society, with the exception of those belonging to the Agricultural Department, were also paid by Government.

12. The society had a reading room, with newspapers, periodicals, &c., for its members, who had also the privilege of borrowing books from the library. It held seven or eight meetings annually for reading papers on scientific and other subjects. The transactions of the society were published at the expense of the State.

13. The Royal Dublin Society also superintended the School of Art. This School of Art was in the same position as any other School of Art in the kingdom, except that the house and repairs, &c., were provided at public expense. The Royal Dublin Society acted in the same way as the Committee of a local School of Art, and made certain payments to the school out of its private funds. These payments amounted to about 60*l.* a year. The State payments provided for the rest of its maintenance.* School Art.

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* From a Return made by Mr. Herbert Murray, the Treasury Remembrancer in Ireland, in 1876 for the purpose of showing the amounts which had been contributed by the State and the Royal Dublin Society respectively, see 26th Report of the Science and Art Department, page 14, it appears that the—

	£	s.	d.	£	s.	d.
Public grants from 1801 to 1835 inclusive, as per Appendix to Report of 1836.				293,705	0	0
Public grants between 1836 and 1853–4 inclusive, as per books of Society.				111,137	0	0
Public grants between 1854–5 and 1876–7 inclusive, Science and Art Vote.	185,797	0	0			
Board of Works' Vote	36,417	0	0			
				222,214	0	0
				627,056	0	0

The private "subscriptions," or fees on admission, have produced—	£	s.	d.
From 1801 to 1834 inclusive	20,379	0	0
„ 1835 to 1875 „	42,338	0	0
	62,717	0	0

Add special subscriptions :—	£	s.	d.			
Erection of Museum	713	0	0			
Agricultural Hall	2,111	0	0			
Shedding to Shelbourne Hall	346	0	0			
	3,170	0	0	say 4,000	0	0
				£66,717	0	0

Commission of 1868.

14. In 1868 the Government having decided to constitute a separate Department of Science and Art for Ireland analogous in its constitution to the existing Science and Art Department in London for the United Kingdom, appointed a Commission to report on the best means for carrying out this project. The Commission consisted of the Marquis of Kildare, the Very Rev. C. W. Russell, D.D., the Rev. Samuel Haughton, M.D., F.R.S., G. A. Hamilton, Esq., Professor Huxley, F.R.S., Colonel Laffan, R.E., Professor Wyville Thomson, LL.D., and Captain Donnelly, R.E., who also acted as Secretary.

Application for fresh instructions.

15. The report states that—"After giving to the subject "our most careful consideration it seemed to us that the "creation of an entirely independent Department of Science "and Art for Ireland, would involve the severance of the "Science and Art Schools of that country from those of "England and Scotland; and would thereby deprive the "students of the Irish Schools of the great advantage of "Imperial competition, and so tend to restrict their "prospects to the comparatively narrow field afforded by "their own country which would undoubtedly be a dis-"advantage . . . . . Feeling therefore that the "creation of a separate Department of Science and Art for "Ireland would be detrimental to the interests of Science "and Art in that country . . . . . we were obliged "to apply for fresh instructions." The Commission were informed that they were not precluded from considering the question of having or not having a separate Department for Ireland.

Résumé of Report.

16. The following extracts from the general résumé of the Report will show the nature of these conclusions and the reasons for them:—

"On comparing the institutions which exist in Ireland with those of England and Scotland, it will be seen that the former country is deficient in an industrial museum. Some

Existing Collections.

branches of such a museum already exist. There are the technological collections of the Museum of Irish Industry still retained in the College of Science, and there are the collections of the Royal Irish Academy. By the addition of specimens of decorative art, casts, &c. and examples of modern manufactures, a valuable industrial museum might be formed.

Science Schools.

"It will be seen that of Science Schools and classes Ireland has established fully its fair proportion, if not more,

and has won a correspondingly large share of the grants which are given as payments on results. It has been equally successful in obtaining the highest honours in the annual examinations . . . . . .

Art Schools.

"On the other hand, Art Schools have not been so widely established, and one or two that were founded have died away. Where they have been maintained they have been as successful as the English. Why art schools have not been as rapidly developed in Ireland as Science Schools is readily accounded for. Science classes can be taught almost anywhere, and under the stimulus of a personal payment a competent teacher with little aid beyond his own energy manages to get them up. They may be small, but the teacher often has other occupation, and, at first at all events, he may devote but a portion of his time to them, and not look to them alone for support. An Art School needs a special building, or at least special rooms. It requires more apparatus, and as it has mainly to support a specially trained teacher, who can readily find a more or less remunerative employment for his abilities in other ways, it involves a larger outlay of capital to commence with. An Art School therefore requires a much greater combined effort on the part of the locality to establish it.

Paucity of Manufactures.

"Then again, as was pointed out by one of the art masters, an art school even when established has great difficulties to contend with in Ireland. There are but few manufactures in Ireland. There is scarcely any opportunity for an artisan to turn his acquired powers of drawing or designing to account. It is therefore very difficult to persuade him to learn. It is to this probably that the fewness of night classes—the second grade as it were of art schools, and requiring but little outlay in establishment—is due. This is a matter in which governmental action can avail but little. The normal lace school in Dublin affords a good illustration of this. The school which received State grants was very successful in the instruction of designers, &c. but notwithstanding the efforts of many philanthropic persons who interested themselves in the matter, no market could be found, and the school was closed. The creation of industries must be a matter of time, even if the resources of the country admit of their ever been maintained. And the advantages of drawing as part of education are not yet fully appreciated.

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Necessity for outlet for Students.

"The less outlet there is for talent in Ireland the greater, in our opinion, is the reason for retaining the present Imperial system, by which students throughout the kingdom are examined together. It affords an Imperial competion; success in it—and we see that Irish students are successful—not only carries far greater weight and prestige than in any simply Irish competition, but it opens to the successful student a far wider field. What, for instance, supposing there were a training school for art teachers in Dublin, would become of the teachers trained there? A promising student now comes to London, and we have it on record that many of them afterwards find employment in England and Scotland. Under no circumstances could Dublin afford the same means of Education for an art master as London. And would any English or Scotch school take a teacher from the training school in Dublin in preference to one from the school in London? Or would manufacturers be likely to go there for designers.

Memorial of students against separation.

"That this is strongly felt by the Irish students themselves is evident, from the memorial which was sent to the Treasury signed by 245 students in the Dublin School, when the scheme of a separate department was first mooted by the promoters of the Royal Irish Institute. To students who are supported by the State there cannot be much difference as to convenience between residence in London and in Dublin, their expenses of transit being paid. As to which place they would prefer for its advantages in completing an art education, there can be but little doubt.

Difficulty of limited separation.

"The idea of having a separate department whilst retaining a general competition, which but that it has been urged by some of the witnesses, it would not be necesssary to notice, is equally illusory. But little acquaintance with competitions and examinations is necessary to know that the subjects for competition must be clearly defined, and that to secure success the instruction must be organised especially with this aim. Unless the course of instruction pursued in Ireland was within certain limits precisely the same as that pursued in England and Scotland, the Irish students would not meet their competitors on equal terms and would have no chance of success.

"Unless a different course of instruction be established for Ireland—and there is nothing to show the necessity for it—there can be no use in having a separate department. A double examination for Irish students would only be an unnecessary tax on them and on the State.

"The utmost freedom is now allowed in the method of instruction, in fact there is no control in this nor in the especial bias which it shall receive. The only limit is that which is imposed on the teachers by the necessarily definite subjects of competition.

Royal College of Science.

"In the Royal College of Science, Ireland possesses an institution which, in the number of its professorships and general course of study, is more complete as a pure school of science than anything of the kind existing in Scotland or England.

Lord Dufferin's address.

"We cannot close our remarks on this subject without adverting to an able address delivered by Lord Dufferin, in distributing the prizes to the Science School at Dundalk, during our sittings in Dublin. His Lordship called attention to the fact that one of the students of the school obtained the highest honours in a subject in competition with no fewer than 1,390 candidates from all parts of the kingdom, and many others had done remarkably well. It is obvious that the distinction acquired by these pupils would have been of a far lower order if the competition had been restricted to Ireland.

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Religious differences avoided.

"In conclusion we may say that in the opinions of many of us on the question of a separate department have not been uninfluenced by the consideration, that so long as the instruction in Science and in Art in Ireland forms part of a great system spreading over the whole kingdom, it will probably continue, as it has commenced, unhampered by the political and sectarian differences which unhappily too readily obtain on all questions of education at the present time.

"We will now proceed to submit the conclusions at which, after the fullest consideration, we have unanimously arrived on the various points of our inquiry.

"We regret our inability to carry out the Minute of the 22nd May in its literal integrity, by framing a plan for the formation of a separate Department of Science and Art for Ireland analogous in its constitution to the existing Science and Art Department in London; as a mature consideration has convinced us that the formation of a separate department for Ireland would be detrimental to the interests of Science and Art in that country. We are of opinion, however, that all the advantages for Ireland proposed in

Recommendations.

that Minute may be practically secured by the arrangements indicated in the following recommendations:—

Science and Art Museum.

"(*a.*) That in order to afford advantages and facilities to students, artizans, and others in Dublin, in some respects similar to those which are yielded by the South Kensington Museum in London, and in other respects, to those afforded by the Science and Art Museum in Edinburgh, it is very desirable that there should be a General Industrial and Fine Arts Museum in Dublin. The people of Ireland would thus obtain the fullest opportunity of improvement in the cultivation of the Industrial and Decorative Arts by the study of approved models and objects.

A State Establishment.

"(*b.*) That this Museum should be purely a State establishment under a Director responsible to the Lord President, or other Minister in charge of education.

Director.

"(*c.*) That the Director of the Science and Art Museum should be in immediate relation, not only with the Minister of Education, but also with the Irish Government, and it should be his duty to place himself in communication with the representatives of the various industrial interests of the country, with a view to the development of its resources.

Votes.

"(*d.*) That all votes for museums and educational establishments in Ireland should be taken on the responsibility of the Lord President of the Council, or other Minister in charge of education directly responsible to Parliament.

School of Art, Dublin.

"(*e.*) That with a view of completing the establishment of a central institution in Dublin, corresponding as far as possible with the South Kensington Museum and educational establishments in connexion therewith in London, we recommend that the Royal Dublin Society be invited to allow their School of Art to be made a purely State school, placed under the control of the Director of the Science and Art Museum, thus relieving the Society of what is now a drain upon its funds.

Not to be a Training School.

"(*f.*) That seeing, however, the small number of Art Schools now existing in Ireland and the superior opportunities which the Arts Collections in London

must at all times present to advanced students, we do not think it expedient at the present time to recommend the establishment of a Training School in Dublin.

"(*g.*) That the present system of Science and Art schools offers to the Irish student a full share of the highest rewards and advantages given by the State, and of the distinction due to success in a competition open to students throughout the Empire, but that it is desirable to consider how far the impediments arising out of the circumstances of the country, and the condition of a large portion of the population, may be diminished. Difficulties.

"(*h.*) That a concentration on one site of several of the institutions mentioned in the Minute is feasible and very desirable, and that it may be carried out without prejudice to the independent rights of the societies concerned. Concentration of Institutions.

"(*i.*) That the ground now held by the Royal Dublin Society, with some additional land adjoining their premises, which could easily and with advantage be purchased, affords sufficient space for the concentration of all the institutions which we think it desirable to bring together. From a full consideration of the various sites that are available in Dublin, we are of opinion that this would afford the greatest facility for carrying out the object proposed by the Minute of the 22nd May,—of combining or bring into harmonious action the existing societies receiving State grants for Science and Art,—consistently with the convenience and the views of these bodies. If the Royal Irish Academy be removed to this site all the institutions referred to in the Minute of the 22nd May, that can with advantage be concentrated, will be placed in immediate contiguity, and in a central and most convenient locality; and the result will be a great central group of institutions—a Science and Art Museum, a Public Library, a Museum of Natural History, a Museum of Irish Antiquities, a National Gallery, and a School of Art. Several plans have been suggested which will be found in the Appendix. Site.

"(*j.*) That it is desirable to remove the Library of the Royal Dublin Society to more commodious premises, and to supply it with such funds and administration Library.

as may be required to develop it into a National Library. The present Natural History Museum, which is not well adapted to its object, would, with slight alteration, be convertible into a spacious and commodious Library and Reading Room. The rooms now occupied by the library might be appropriated to the use of other scientific societies, reserving the rights of the Royal Dublin Society.

Natural History Museum.

"(*k.*) That the Natural History Museum of the Royal Dublin Society should be removed to a properly constructed building, and supplied with such funds and administration as may be required to develop it into a National Museum of Natural History.

Botanical Museum.

"(*l.*) It has been proposed to erect buildings for a Museum of Economic Botany in the Botanic Gardens at Glasnevin, and money has been taken on account in the estimates for that purpose. We consider, however, that the erection of a building for this purpose in the gardens is to be deprecated, and that the collection may fitly form a part of the Science and Art Museum.

Agricultural Museum.

"(*m.*) That the Royal Dublin Society should be invited to hand over the Agricultural Museum to the Science and Art Museum.

Museum of Royal Irish Academy.

"(*n.*) That the premises of the Royal Irish Academy being insecure, insufficient, and unsuitable for its purposes, it is desirable that the Academy should be transferred to a building, on the central site already indicated, adapted for its valuable collections; and that rooms should be provided for its meetings, administration, and library.

"(*o.*) That at the same time sufficient funds should be placed at the disposal of the Academy for the furtherance of its objects; and that the Academy should be invited to make arrangements for the exhibition of its collection in connexion with the department of the Science and Art Museum devoted to antiquities.

Geological Survey.

"(*p.*) That the appropriation of the premises in St. Stephen's Green to the purposes of a College of Science will render it necessary to find accommodation elsewhere for the officers and collections of the Irish branch of the Geological Survey of the United Kingdom.

Geological Collections.

"(*q.*) That as these collections will, no doubt, be permanently retained in Ireland as a record of the geo-

logical structure and history of the country, and as illustrative of its industrial resources, it would be desirable to find accommodation for them in the vicinity of the Natural History Museum.

"(*r.*) That the collections of the Museum of Irish Industry still retained in the College of Science, may with advantage be transferred to, and form the nucleus of, the Science and Art Museum." Museum of Irish Industry.

17. The Recommendations of the Commission as respects the Royal Dublin Society and a new Science and Art Museum remained in abeyance for several years. On the 9th February 1876, Lord Sandon, then Vice-President of the Committee of Council on Education, who with Mr. W. H. Smith, Secretary of the Treasury, and Sir M. H. Beach, Chief Secretary for Ireland, had a few months previously inquired into the matter on the spot, addressed a letter to the Royal Dublin Society and the Royal Irish Academy asking for their support and co-operation in a comprehensive plan for augmenting and extending the facilities for Science and Art Instruction in Ireland. Lord Sandon's letter 1876.

18. The letter stated that—

"ii. From the representations which have been made to the Government as to the general wishes of the Country; from the recommendations of the Commission of which the Duke of Leinster—then the Marquis of Kildare—was Chairman in 1868; and from the evidence given before that Commission it appears that the time has now arrived when the wants of the community at large have outgrown the useful action of private Societies, and when a thorough re-arrangement and consolidation of existing institutions have become essential as a condition precedent to further progress.

"iii. With this view their Lordships propose to build, on a site adjacent to Leinster House, a Science and Art Museum for Ireland, somewhat similar to that now existing in Edinburgh for Scotland; and to remove the Natural History Museum to the same building, supplying it with funds and staff sufficient for its development into a National Museum of Natural History. Natural History Museum.

"iv. The Collections of the Geological Survey and the Industrial Collections still retained in the Royal College of Science would be removed to the same building, the former collections remaining, during the continuance of the Survey, under its officers, for whom offices may probably be provided in Leinster House. Geological Survey Collection and Industrial Collection.

"v. The Library would then be transferred from Leinster House into the building now occupied by the Natural History Museum, and supplied with the funds and staff necessary to develop it into a public National Library under the superintendence of a Council of twelve Trustees, eight of whom would be nominated by the Royal Dublin Society and four by the Government. The officers of the Library would be appointed by the Council of Trustees. And as the members of the Royal Dublin Society would enjoy no greater privileges than the public generally, their present contribution to it would cease.

Library Trustees.

Royal Irish Academy Museum.

"vi. The Collections of the Royal Irish Academy would also be transferred to the Science and Art Museum; the officers at present in charge of them becoming officers of the Science and Art Department.

Science and Art Museum.

"vii. The Science and Art Museum, which would thus be an entirely new Institution, having the same scope and object as the Science and Art Museum in Edinburgh, would be maintained and managed in a similar manner. Its collections would consist of purchases, for which an annual vote would be taken; of loans, especially from the South Kensington Museum; and it may reasonably be hoped of donations from public-spirited individuals in Ireland.

Royal Irish Academy.

"viii. Provides for the removal of the Royal Irish Academy to Leinster House. But as this proposal was eventually abandoned it is unnecessary to quote it.

Art School.

"ix. The Art School would be made a special Metropolitan School, the Royal Dublin Society being relieved of their management of and contributions to it.

Transfer of property to Government.

"x. In order to carry out the foregoing arrangements, and to afford to the State the requisite control over property and buildings upon which a large amount of public money is to be expended, it will be necessary to obtain an Act of Parliament amending the 17 and 18 Vict. c. xcix., and to vest all the buildings and land now held by the Royal Dublin Society in the Government, except the premises fronting on Kildare Place now used for the Agricultural Museum and Shows by the Royal Dublin Society, and to purchase, if possible, the fee simple of such part of the property as is held on lease.

"xi. States that, that though these arrangements will necessarily entail the surrender by the Royal Dublin Society and the Royal Irish Academy of some privileges which they now enjoy, and will deprive them of some of those functions which they have hitherto exercised; it was

to be understood that the eminent services which those bodies had rendered to Ireland were not undervalued, and that the autonomy and functions of the Societies would be in no degree affected, except as provided in the foregoing.

Boards of Visitors.

"xii. Their Lordships further earnestly desire to retain the advantage of the assistance and authority which the continued co-operation of the Societies with the Government in this more extensive national undertaking would afford, and in order to aid them in the administration of the Science and Art Museum, the Natural History Collections, and the Botanic Gardens, they propose to constitute a Board of Visitors consisting of 12 members; four nominated by the Lord Lieutenant, five by the Royal Dublin Society, three by the Royal Irish Academy, the members to be appointed for a limited time but to be re-eligible, and a President to be elected annually by the Board. The duties of the Board of Visitors would be to make Annual Reports to the Science and Art Department, which should be laid before Parliament, on the condition, management, and requirements of the Museum, and to advise on points affecting the administration.

Duties.

Director of Museum.

"xiii. The Science and Art Museum would be under a Director, an Officer of the Science and Art Department directly responsible to it, as at Edinburgh, with a sufficient staff.

Natural History Museum.

"xiv. The Natural History Museum would be under a Curator paid by the State as at present; but he would be appointed by, and responsible to, the Science and Art Department, and not to a Committee of the Royal Dublin Society. It is not necessary here to consider the exact relations of this officer to the Director of the Science and Art Museum, but they would probably be somewhat similar to those of the Curator of the Natural History Museum in Edinburgh to the Director of the Science and Art Museum.

Botanic Gardens.

"xv. The Botanic Gardens, Glasnevin, would be under a Curator paid by the State as at present; but he would be appointed by, and responsible to the Science and Art Department.

Accounting Officer.

"xvi. The Director of the Science and Art Museum would act as Accounting Officer for all the votes of public money, and would be the medium of communication with the Science and Art Department."

Agreement with Royal Irish Academy.

19. After some negotiation an agreement was come to with both societies. The arrangement with the Royal Irish Academy, which is given in the 25th Report of the

Science and Art Department, p. 10, provides for the transfer of its Museum to the new Science and Art Museum in Dublin, as soon as the building is ready to receive it, on certain conditions therein set forth.

Agreement with Royal Dublin Society.

20. The agreement with the Royal Dublin Society, embodied in a Memorandum of Provisions supplementary to Lord Sandon's letter of the 9th February 1876, is dated 5th March 1877, and is given in the 26th Report of the Science and Art Department, p. 10. Under one of the clauses the Society undertook to assist in the passage of the Bill then before Parliament. It is unnecessary to refer to the other clauses as they formed eventually portions of a further agreement detailed in § 23.

Memorandum of supplementary provisions, 1877.

Science and Art Museum Act (Dublin 1877).

21. The Dublin Science and Art Museum Act (40 and 41 Vict. Ch. 234) thus obtained in 1877, transferred the Society's lands, Collections, and Library to the Government, in consideration of which the Society was to receive 10,000*l.**

Power to make agreements.

22. Sect. 16 of the Act provides "that for the purpose of "giving effect to the objects of this Act, and generally in "furtherance of or in connection with the same, it shall be "lawful for the Commissioners of Public Works in Ireland, "or the Department and the Society respectively, to enter "into all or any agreement, contracts, and arrangements "(not inconsistent with the provisions of this Act) which "they may think fit, and to do all acts, matters, and things "necessary to carry the same into effect, and every such agree-"ment, contract, and arrangement shall be of the same force "and effect as if the same had been contained in this Act."

Agreement of 1881. Surrender of Agricultural premises.

23. The Agreement under the Act, one of the provisions of which was that the Society should cease to hold their Agricultural Shows on the premises of Leinster House, formed the subject of very lengthy negotiations, the then Lord President of the Council, Earl Spencer, visiting Ireland on the subject in the autumn of 1880, and was not concluded till 1881. The Agreement, bearing date 1st March, 1881, is as follows:—

i. Annuls the unperformed portions of the Memorandum of Agreement of the 5th March 1877.

Accommodation of Royal Dublin Society.

"ii. The Society shall have such accommodation in Leinster House free of rent and taxes as is sufficient for the functions of the Society still remaining to it in Science and Agriculture, provided that the office accommodation for Agriculture be the same with and no greater than such as would

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* By a subsequent arrangement the Society also received the materials of *the Agricultural* Hall and Sheds which were pulled down.

be necessary for the Society's functions in Science, and provided that if hereafter any amalgamation shall take place between any section of the Royal Dublin Society and another Society such amalgamation shall not entitle the other Society to any rights of occupation in Leinster House unless a special sanction be obtained from the Government. The conditions of occupation shall be the same as those accorded to the Learned Societies in Burlington House.

Rooms in Leinster House.

"iii., iv., and v. provide for the immediate appropriation of the rooms in Leinster House between the Science and Art Department and the Society.

Revision of Arrangements.

"vi. The appropriation of rooms shall be liable to revision by the Lords of the Committee of Council on Education when the new Science and Art Museum is built, provided that the Society shall not receive less accommodation for such new arrangement than that provided, or agreed to be provided, by the several clauses herein-before contained; and that a fair and liberal consideration shall be accorded to the wants of the Society; and provided also that the right of the Society to have and enjoy ultimately the accommodation appropriated to it in Leinster House upon the same conditions of occupation as those accorded to the learned Societies in Burlington House shall not be prejudiced or affected by the provisions of the third and fourth clauses herein-before contained.

Scientific serials, &c.

"vii. The Society shall afford full and free access to the public at all reasonable times to the scientific serials and to the transactions and other publications of other learned Societies, reserved to them by the fourth section of the Dublin Science and Art Museum Act, 1877.

Compensation to Society.

"viii. Provides for the payment to the Society of the then unpaid residue of 25,000*l.** in consideration of which the Society was to discontinue to hold agricultural shows in Kildare Street, Dublin, and to provide lands and buildings for holding such shows elsewhere. The Government being discharged from any further claims in respect of the removal of such shows and providing accommodation elsewhere.

Printing, &c.

"ix. and x. provide for the re-transfer of certain books to the Society, and for the Society in future providing its own staff and printing on the condition that the proceedings

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* This sum of 25,000*l.* was irrespective of, and additional to, the sum of 10,000*l.* secured to the Society by the Dublin Science and Art Museum Act. *See* § 21.

and transactions were printed by the Government for five years.

Lecture Hall.

" xi. The Lecture Hall, Laboratory, and the necessary offices are reserved to the Society, or an equivalent will be provided.

Leinster Lawn.

" xii. The privilege of passing through Leinster Lawn and the Court Yard of Leinster House is reserved to members of the Society.

Illustrations of papers.

" xiii. Subject to the consent of the Director, the Collections in the Botanical Gardens and the Natural History Museum shall be available as heretofore in illustration of the papers read before the Society,

Borrowing Books.

" xiv. Members who joined the Society before the first of January one thousand eight hundred and seventy-eight, of whom a certified list shall be furnished by the Society to the Department annually before the first of April, shall be allowed to borrow books from the Library, subject to regulations to be laid down by the Trustees of the Library, and the Department, and shall have free admittance to the Museum at all times at which it is open to the public.

National Library Trustees.

" xv. The National Library shall be under the superintendence of a Council of twelve trustees, eight of whom shall be appointed by the Society and four by the Department, and the Officers of the Library shall be appointed by the Council of Trustees. The Trustees to be appointed by the Society shall be appointed in such manner and shall hold office for such term as the Society shall from time to time determine by bye-law . . . . . "

xvi. provides for filling up vacancies.

Science and Art Museum, Visitors.

" xvii. In order to aid the Lords of the Committee of Council on Education in the administration of the Science and Art Museum, the Natural History Collection, and the Botanic Gardens, a Board of Visitors shall be constituted consisting of twelve members, four to be appointed by the Lord Lieutenant, five by the Society, and three by the Royal Irish Academy. The members so to be appointed by the Society shall be appointed in such manner and shall hold office for such term as the Society shall from time to time determine by byelaw . . . . A President shall be elected annually by the Board from the said twelve members. The duties of the Board of Visitors shall be to make annual reports to the Department on the condition, management, and requirements of the Museum, and to advise on points affecting the administration; and a copy of such reports shall be laid before Parliament by the Department."

xviii. provides for filling up vacancies.

" xix. The Department shall, at the request of the Society, join in a recommendation to Her Majesty to grant such a new Charter or Charters as in the opinion of the Society may be required by the altered circumstances and conditions of the Society." New Charter.

xx. provides for further agreements.

24. The Government were most desirous to commence the new Science and Art Museum as soon as possible after the Act was past; but popular feeling in Dublin was strongly opposed to the best and only site then available —that across the end of Leinster Lawn (*see* 28th Report of the Science and Art Department, p. xxii), and the Department was informed that Lord Pembroke would, in deference to this opposition, object, under the powers reserved to him by the lease of 1855,* to any building on Leinster Lawn. Building of New Museum. Leinster Lawn site.

25. It was not until October, 1880, that the Royal Dublin Society vacated the Agricultural premises. This provided another site for the Museum. As it was by no means so desirable a site as that on Leinster Lawn, an opportunity was afforded to the people in Dublin (Ibid. p. xxiii) to reconsider the matter. The opposition to the latter site was, however, still so strong that it was considered useless to press it further. A competition for designs for the new Museum on the Kildare Street site—that of the Agricultural buildings—was then arranged by the Board of Works in Dublin. A sum of 3,500*l.* was taken on account in their Estimates for 1881–82 to prepare the site and for foundations, and a further sum of 10,000*l.* in the Estimates for 1882–83, on account of a total sum for the Building of 100,000*l.* Agricultural Hall site. Votes.

26. After the competition had been decided in June, 1882, great objections were taken by the people of Dublin to the site and the proposal generally. Strong representations were made to the Government. And eventually New Competition.

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* The Act of 1854 (17 & 18 Vict. cap. 99) " to provide for the establish- " ment of a National Gallery of Paintings, Sculpture, and the Fine Arts, for " the Care of a Public Library, and the erection of a Public Museum in " Dublin," enabled the late Right Hon. Sidney Herbert to grant a lease of Leinster Lawn for the purposes of the Act. The lease so made, dated 4th August 1855, provided " that the nature, disposition, and elevation of the " Buildings intended to be erected from time to time shall be submitted to the " said Right Hon. Sidney Herbert and his successors in Estate for his or " their approval, and that no building shall be erected upon said premises, " unless and until such approval in writing on their part . . . . . shall " have been first had and obtained."

it was decided to set the plans aside and have a fresh competition. It was also decided to purchase some houses and land on the south side of the Court of Leinster House on which to build the new Library, the Natural History Museum remaining in its present building, and the Science and Art Museum being placed on the North side of the Court. Arrangements are now being made by the Commissioners of Public Works in Dublin for the new competition.

Temporary Museum.

27. A portion of the money voted for the new Museum has been expended in preparing a building called the Shelbourne Hall as a temporary Museum, and also in cases, &c., for exhibition purposes. The Art School has also been greatly enlarged and improved.

THE ROYAL COLLEGE OF SCIENCE, DUBLIN.

Early history.

The early history of this Institution is given under the Science and Art Museum §§ 3–8. It will be seen that when, in accordance with the recommendation of the Committee of the House of Commons in 1864, and in opposition to that of the Treasury Commission of 1862, it was decided to maintain the "Museum of Irish Industry and "School of Science applied to Mining and the Arts," as the Institution on St. Stephen's Green was then termed, it was also decided to enlarge the scope of the School and to make it a thoroughly efficient College of Science. A Commission of which the late Lord Rosse was Chairman was appointed to frame the scheme of instruction, and the other members of the Commission were:—Lord Talbot de Malahide, Mr. W. B. Carpenter, the Rev. B. M. Cowie, Mr. John Fowler, Professor E. Frankland, Mr. W. H. Gregory, M.P., Colonel H. D. Harness, Professor A. W. Hofmann, Professor Thomas H. Huxley, Mr. J. Beete Jukes, Sir Robert Kane, Mr. Myles O'Reilly, Professor Lyon Playfair, General G. Sabine, R.A., Mr. Warington, W. Smyth, Professor W. K. Sullivan, Professor J. Tyndall and Captain Donnelly, R.E. The Treasury having approved of the increased staff of Professors, &c. (*see* correspondence in 14th Report of Science and Art Department—also published as a Parliamentary paper in 1866) the College was opened for its first session in November 1867.

Lord Rosse's Commission.

Object of College of *Science.*

The Royal College of Science supplies, as far as practicable, a complete course of instruction in Science appli-

cable to the Industrial Arts, especially those which may be classed broadly under the heads of Mining, Engineering, and Manufactures, and is intended also to aid in the instruction of Teachers for the local Schools of Science.

Associate and other Students.

Students may enter as Associates or Non-Associates. By "Associate Students" are meant all those who enter for the three years' curriculum of the College. An Associate Student must pass, at the Sessional Examinations, in the subjects taught during the year, before proceeding to the next year's Course.

Course.

The course of instruction for students desirous of obtaining the Diploma of Associate of the Royal College of Science extends over three years, each year being divided into two Terms. In the first year the instruction is general. In the following years it is specialized under the heads of Mining, Engineering, and Manufactures.

Professors.

There are Professors of—(1) Mathematics, Applied Mechanics, and Mechanism; (2) Descriptive Geometry and Engineering; (3) Physics; (4) Chemistry; (5) Geology; (6) Mining and Mineralogy; (7) Geology; (8) Zoology; and (9) Botany. In addition to whom there is a Librarian and Curator, and Demonstrators in Palæontology, Physics, and Chemistry.

Administration.

The School is administered by the Council of Professors, one of whom in rotation acts as Dean, the executive work being in the hands of the Secretary—at present one of the Professors.

Prizes and Scholarships.

Besides Prizes and Medals four Royal Scholarships of the value of 50*l.* yearly each, with free admission to the Lectures and Laboratories, are attached to the College. *Two* are offered for competition *each year* to students, not being Royal Exhibitioners, on the completion of their first academic year.

Exhibitions.

There are also nine Royal Exhibitions of the value of 50*l.* per annum, entitling the holder to free admission to all the lectures, and to the Laboratories. Three of these Royal Exhibitions are open for competition annually, at the May Examinations of the Science and Art Department. The conditions under which they are obtainable are given in the Science Directory of the Department.

Evening lectures.

Systematic courses of Evening Lectures on the previous branches of Science taught in the College are voluntarily given by most of the Professors throughout the Session.

The number of regular students during 1882 was 24, of occasional students, 61.

Library and Museum.

Library.

The Library contains carefully selected works relating to the subjects on which instruction is given; it is open to the students, and also to the public under certain restrictions.

The Museum is open to the public on week days from 11 a.m. to 4 p.m.

ROYAL HIBERNIAN ACADEMY.

Original Charter of Incorporation.

1. The Royal Hibernian Academy was incorporated by Royal Charter in 1823, and consisted of 14 members and 10 associates, professors of painting, sculpture, and architecture, who formed an association of Artists for the promotion of the Fine Arts in Ireland by means of Schools for drawing and painting, lectures and exhibitions. In 1826 Mr. Francis Johnston, Architect, then President of the Academy, presented to it a house in Lower Abbey Street. In 1832 the Royal Hibernian Academy obtained a grant of 300*l.* a year from the Treasury which it has enjoyed ever since. The administration of the Academy was not financially or educationally successful, and in 1858 an inquiry was held by Mr. Norman MacLeod, Assistant Secretary of the Science and Art Department, which resulted in the granting in 1861 of a new Charter increasing the number of members from 14 to 30 and granting powers to the Academicians to frame byelaws subject to the approval of the Lord Lieutenant.

Presentation of Premises.

Parliamentary Grant.

New Charter.

Connection with Department.

2. The Parliamentary grant of 300*l.* for the educational purposes of the Academy is paid through the Science and Art Department, and since 1862 the Academy has reported annually to this Department.

Exhibitions.

3. The Exhibitions of the Academy are held annually, and comprise works of painting, sculpture, drawing, and modelling, designs in architecture, and unpublished engravings; and all persons whatever are invited to contribute. The exhibitions are open to the public on payment of 1*s.* or 6*d.* in the daytime, and 1*d.* in the evening, but hitherto the receipts from this source have not proved remunerative.

Academy Schools.

4. The Schools of the Academy are a School of the Antique, open five evenings in the week under the supervision of the Keeper; a School of the Living Model open on five

evenings, and a School of Painting open five days in each week. It is a rule of the Academy that no student shall be admitted to these schools unless he produces a certificate from the Department of Science and Art to the effect that he has passed the examinations of the Department in the four subjects of freehand, geometry, perspective, and object drawing of the "second grade." An examination of the whole of the students' works is held each year by the President and the Keeper of the Academy in conjunction with an Inspector of the Science and Art Department. Medals are awarded, and the Inspector reports to the Department the results of the examination and of his inspection of the Schools. There is an annual exhibition of the students' works, and a public distribution of medals; and works executed in the schools of the Academy are admissible, though they have but seldom been sent in, to the National Competition at South Kensington.

Science and Art Department Certificates.

Inspection and award of Medals.

Works eligible for National Competition.

5. In 1880–1 the Exhibition was open in the daytime 14 weeks from 9th March to the 18th of June, and for eight weeks in the evening, and was visited by 610 season ticket holders and 5,619 other persons, and in the evening by 27,259. Pictures to the value of 2,834*l.* 10*s.* were sold.

Recent Statistics.

6. The Schools were open 34 weeks, the average attendance weekly being 30 in the Life School and 20 in the Antique School.

7. The expenditure of the Academy for the year was 1,034*l.* leaving a cash balance of 63*l.* 18*s.* 6*d.*, its receipts having amounted to 1,098*l.* 11*s.*, of which 300*l.* was the Government Grant, and 503*l.* 17*s.* admission fees of the Exhibition.

Finance.

ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

1. This Society was founded in 1832. It first became a recipient of Government aid (in the shape of an annual grant of 500*l.* through the Royal Dublin Society), on the 1st May 1854, and presented its report through this Department for the first time in 1856 (3rd Science and Art Report, p. 167).

Foundation of Society.

2. There seems to have been no change in the constitution of the Society since that period, but since 1865 the

grant of 500*l.* a year has been paid to it directly by the Science and Art Department.

Special Grants.

3. About the year 1865, the Society had got into difficulties and special grants were made to meet exigencies and for the enlargement of the premises. The total amount expended in 1866–7 was 1,601*l.* 3*s.* 9*d.*, in 1867–8, 1,486*l.* 6*s.*, in 1868-9, 1,500*l.*, representing a total increase of 3,087*l.* 9*s.* 9*d.* Since that date the annual grant of 500*l.* has sufficed, and the increased number of visitors in succeeding years appeared to fully justify the increased outlay.

Visitors and Receipts.

4. Below will be found particulars (so far as can be given) of the annual number of and receipts from visitors, together with the amounts received from entrance fees and subscriptions for each decennial period between 1832 and 1881.

Year.	No. of Visitors.	Visitors' Fees.	Entrance Fees and Subscriptions.
		£ *s.* *d.*	£ *s.* *d.*
1832	36,497	—	—
1842	109,706	—	—
1852	92,096	—	—
1862	132,771	864 8 6	250 0 0
1872	147,184	1,502 9 10	496 0 0
1881	120,787	1,439 14 5	724 0 0

Report, 1881.

5. The following is an extract from the Report for 1881 :—

"Your Council of to-day having learned wisdom by experience are content to report that their large Collection of Animals is in better condition than at any preceding anniversary of the Society; that the subscription list is fairly kept up, and that the financial state of the Society is not so deplorable as it has often been in times past."

Transfer of Grant.

6. The grant was last year removed from the Vote for the Science and Art Department and is now taken under "Learned Societies."

ROYAL SCHOOL OF NAVAL ARCHITECTURE AND MARINE ENGINEERING.

Establishment of School.

1. This School was established by the Lords of the Committee of Council on Education at the request of the Lords Commissioners of the Admiralty "with a view of providing "especially for the education of ship building officers for "Her Majesty's Service, and promoting the general study "of the Science of Ship Building and Naval Engineering,' but "not limited to persons in the Queen's Service." It was opened on the 1st November 1864 under Dr. Woolley, Inspector General and Director of Studies of the Admiralty, Mr. Merrifield, F.R.S., Principal, and Mr. Purkiss, Vice-Principal.

2. The correspondence which led up to its foundation is printed at page 5 of the 11th Report of Science and Art Department, and the scheme for the organization of the School by Captain Donnelly, Dr. Woolley, and Mr. E. J. Reed, with the first prospectus, in the 12th Report.

The Collection of Naval Models belonging to the Admiralty was transferred to this Department from Somerset House at the time of the establishment of the school.

Number of Students.

3. The number of students at first consisted of 16 sent by the Admiralty and 6 private students. With a view to render the school as efficient as possible to private shipbuilders, courses of lectures by eminent scientific men were delivered in addition to the ordinary School Lectures for their special benefit.

4. The session of the School at South Kensington only lasted for about six months in the year, during the other six, summer, months the students were employed in the Royal Dockyards and Factories. Private students at the School who were British subjects were also allowed to work in the Royal Dockyards and Factories.

Foreign Students.

In 1866 the number of students had increased to 44, 29 being Admiralty and 15 private students (of these latter, 5 were foreigners, 4 Russians, and 1 Swede).

Diplomas.

5. The first examination for diplomas was held at the close of the Session in April 1867. Seventeen candidates presented themselves after a three years' course: of these 13 were successful. No private students however obtained a diploma, although allowed to do so by the Regulations.

6. In 1868 it appeared that the time allotted to the studies was insufficient and it was determined with the concurrence

of the Admiralty to increase the school year by a fourth session and each session by one month.

Transfer to Admiralty.

7. In 1873 the School was transferred by an Order in Council dated 16th January 1873, to the Royal Naval College, Greenwich, the Lords of the Admiralty expressing their entire satisfaction with the manner in which their pupils had been educated at South Kensington.

8. The following Table shows the number of students each year from the opening to the transfer of this School to the Admiralty authorities :—

Session.	Admiralty Students.	Private Students.	Total.
1864–65	16	6	22
1865–66	24	13*	37
1866–67	29	15†	44
1867–68	24	18	42
1868–69	26	14	40
1869–70	30	10	40
1870–71	32	10	42
1871–72	35	5	40

* Four of these were Russians.
† Four Russians, one Swede.

APPENDIX.

APPENDIX A.

MINUTES AND CORRESPONDENCE

STEPHENSON SCHOLARSHIP.

At South Kensington, the 22nd day of February 1882.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

Read a letter, dated the 15th February 1882, from Messrs. N. G. P. Herdman and J. T. Dunn, Honorary Acting Secretaries to the Stephenson Scholarships Fund, on the subject of the foundation of scholarships in connexion therewith.

My Lords sanction the grant of scholarships to the committee of the fund, and that the money contributed by the fund shall be accepted as the local contribution towards the scholarships under par. XLIX. of the Science Directory.

SCIENCE DIRECTORY.—REVISION OF RULE XXXVII.

At South Kensington, the 28th day of February 1882.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

The Lords of the Committee of Council on Education direct that after the next May examinations the rule in §XXXVII. of the Science Directory—"Payments will not be made in more than five subjects "on account of the same pupil in any one year," be modified as follows:—

Payments will not be made on account of the same pupil in any one year in more than *three* subjects. Subject I. (Practical, Plane, and Solid Geometry) and Subject V. (Mathematics) are excepted from the operation of this rule; and in interpreting it Subject X. (Theoretical and Practical Inorganic Chemistry) and Subject XI. (Theoretical and Practical Organic Chemistry) will be considered each as one subject.

This rule will not affect the payments on the results of the examination in May 1882.

Appendix A.

MINUTES AND CORRESPONDENCE.

GEOLOGICAL SURVEY OF SCOTLAND.

At South Kensington, the 20th day of March 1882.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

Read a letter, dated the 9th March 1882, from Mr. W. Ivison Macadam, Honorary Secretary, Edinburgh Geological Society, forwarding, on behalf of that society, a petition, signed by Mr. David Milne Home as President and the Duke of Argyll as Patron, praying for an increase in the staff of officers on the Geological Survey of Scotland, with a view to expedite the completion of that survey.

My Lords approve reply (based on the statement made by the Vice-President of the Council in the House of Commons on the 18th August 1881, after consulting with the Lord President) to the effect that the solid geology of England and Wales on the one-inch scale will be completed in two and a half years, when a considerable portion of the staff will be transferred to Scotland, and that the survey on the one-inch scale of the solid and superficial geology of Scotland would be completed in 11 years.

COMMITTEES of ADVICE on MUSEUM COLLECTIONS.

At Whitehall, the 9th day of May 1882.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

1. My Lords decide that for the undermentioned collections in the South Kensington and Bethnal Green Museums there shall be a body of referees or advisers who can be consulted as to purchases, elimination of objects, cataloguing, general arrangements, &c., either singly or in committee as the occasion may require; provided that there is always a meeting of each committee for general inspection of the Collection, with regard to which it advises, once every year. This will not preclude the employment and payment of a specialist from time to time to carry on a definite piece of work.

2. The committees will simply advise and report. The executive will rest with the officers of the Department.

3. The following are to be asked to act as Committees of Reference:—

SCIENCE COLLECTIONS -	Professor Huxley, LL.D., F.R.S. Professor Frankland, D.C.L., F.R.S. Professor T. M. Goodeve, M.A. Professor Warington W. Smyth, M.A., F.R.S. Professor Guthrie, Ph.D., F.R.S. Professor Judd, F.R.S. Professor W. Chandler Roberts, F.R.S. Mr. J. Norman Lockyer, F.R.S. Professor J. Wrightson, F.C.S. Major-General Martin. Dr. J. F. Main, M.A.
NAVAL MODELS -	The Earl of Ravensworth (President of the Institute of Naval Architects). Sir E. J. Reed, K.C.B., M.P. Mr. W. B. Baskcomb. Mr. J. H. Morrison. Mr. J. D'A. Samuda.

FOOD - - -	Professor Huxley, LL.D., F.R.S. Professor Frankland, D.C.L., F.R.S. Professor Michael Foster, M.D., F.R.S. Professor Church, M.A., F.C.S. Mr F. Orpen Bower, B.A. Professor J. Wrightson, F.C.S.
ANIMAL PRODUCTS -	Professor Huxley, LL.D., F.R.S. Professor Frankland, D.C.L., F.R.S. Professor Michael Foster, M.D., F.R.S. Dr. J. H. Gilbert, F.R.S. Mr. P. L. Sclater, M.A., Ph.D., F.R.S.
ECONOMIC ENTOMOLOGY	Professor Huxley, LL.D., F.R.S. Mr. W. Thiselton Dyer, C.M.G., F.R.S. Mr. J. O. Westwood, M.A. Miss Ormerod. Mr. F. Moore. Mr. F. Orpen Bower, B.A. Professor J. Wrightson, F.C.S.
STRUCTURE - - -	Mr. C. H. Gregory, C.M.G. Lieut.-Col. H. C. Seddon, R.E. Mr. Horace Jones. Mr. James Brunlees, M.I.C.E.
FISH CULTURE - -	Professor Huxley, LL.D., F.R.S. Sir J. R. G. Maitland, Bart. Mr. Edward Birkbeck, M.P. Dr. Francis Day.
EDUCATIONAL MUSEUM	Dr. J. H. Gladstone, F.R.S. The Rev. T. W. Sharpe, M.A. Mr. J. G. Fitch, M.A. Mr. Iselin, M.A. Mr. H. A. Bowler.
INDIA MUSEUM -	Colonel H. Yule, R.E., C.B. Sir H. C. Rawlinson, K.C.B., F.R.S. General Strachey, C.S.I., F.R.S. Mr. A. Cassels. Sir E. Clive Bayley, K.C.S.I. Sir G. Birdwood, C.S.I. Sir John Strachey, K.C.S.I. Colonel Keatinge, C.S.I., V.C. Mr. E. Brandreth. Mr. J. Fergusson, C.I.E.
GALLERY OF CASTS -	Mr. E. J. Poynter, R.A. Mr. J. E. Boehm, R.A. Mr. F. W. Burton. Mr. C. T. Newton, C.B., D.C.L., LL.D. Mr. Walter C. Perry.

4. As a rule, and when working as a committee, the members will not receive payment. But when a definite piece of work has to be executed, such as the preparation of descriptive labels, the making of analyses, &c., payments on the authorised scale may be made, and the committees are empowered to make recommendations to that effect when they consider it necessary. But no expenditure is to be incurred except by the authority of my Lords.

Appendix A. MINUTES AND CORRESPONDENCE.

5. An officer of the Science and Art Department will act as reporter or secretary of each committee, and whenever it may be necessary or advisable the directors and other officers of the Department will attend the meetings of the committee.

ALTERATIONS in REGULATIONS affecting the AWARD of PAYMENTS and PRIZES in the case of DOCKYARD APPRENTICES and ENGINEER STUDENTS.

At South Kensington, the 29th day of June 1882.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

The Lords of the Committee of Council on Education having had under their notice the representations of the local committees of the science classes at Devonport, relative to the restrictions on the award of payments and prizes in the case of dockyard apprentices and engineer students in Her Majesty's Dockyards, and having communicated with the Lords Commissioners of the Admiralty on the subject, hereby substitute the following regulations for those hitherto in force (see pp. 43 and 44 of the 36th edition of the Science Directory):—

1. Dockyard apprentices, minor trades.
   Full payments and prizes as in the case of ordinary science classes.
2. Engineer students and dockyard apprentices, major trades.
   a. Lower division.—
      Subject V. (stages 1, 2, and 3). No payments or prizes.
      Subject VI. (elementary stage). ,, ,,
      Full payments and prizes in all other subjects and stages as in the case of ordinary science classes.
   b. Upper division.—
      Subject I. (elementary stage). No payments or prizes.
      Subject V. (all stages). ,, ,,
      Subject VI. (all stages). ,, ,,
      Subject VIII. (elementary stages). ,, ,,
      Subject IX. (elementary stages). ,, ,,
      Subject X.—Theory (elementary stage). No payments or prizes.
   c. Dockyard apprentices (major trades) of the upper division.—
      Subject IV. (all stages). No payments or prizes.
   d. Engineer students of the upper division.—
      Subject VII. (all stages). No payments or prizes.
      Subject XXII. (all stages). ,, ,,

The revised rules will be applied to all claims for payments or prizes made on the results of the examinations of May 1882.

ASSISTED STUDENTSHIPS at the YORKSHIRE COLLEGE, LEEDS.

At South Kensington, the 27th day of July 1882.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

The Lords of the Committee of Council on Education consider an inquiry by the Honorary Secretary of the Yorkshire College, Leeds, whether they would grant aid to science teachers attending the classes of that College for two days a week on the same terms as aid is already granted to teachers attending the classes at the Owen's College, Manchester; the Mason College, Birmingham; and the Firth College, Sheffield.

The fees for practical instruction two (2) days a week for the session from October to June are:—

	£	s.	d.
For the chemical laboratory - -	8	8	0
For the physical laboratory - -	8	8	0
For the biological laboratory - -	4	4	0

My Lords will be prepared to pay three fourths of these fees for a limited number of teachers engaged in science teaching, on condition that satisfactory terminal reports of their progress (to be ascertained by examination) and of their conduct be received at the end of the Michaelmas, Lent, and Easter terms.

Applications for this privilege must be made to the Secretary, Science and Art Department, not later than the 31st August.

The selection of the applicants will rest with the Science and Art Department.

NOTE.—One fourth of the fee for the whole session must be paid by the student on entrance under the usual conditions of the College. The remaining three fourths of the fee will be paid by the Department in equal instalments at the commencement of each term, subject, however, to the right of the Department to withhold payment of the second and third instalments should the reports not be satisfactory.

PROFESSOR GOODEVE'S GIFT of MECHANICAL MODELS, DRAWINGS, and APPARATUS.

At Whitehall, the 30th day of December 1882.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

My Lords accept, with thanks, the collection of mechanical models, drawings, and apparatus presented to the Science and Art Department by Professor Goodeve.

Appendix A.

MINUTES AND CORRESPONDENCE.

NOTES on a VISIT to PARIS in May and June 1882, undertaken in accordance with the request of the Royal Commission on Technical Instruction by the direction of the Lords of the Committee of Council on Education.

Thursday, 25th May 1882.

Musée des Arts Decoratifs.

WE visited the Musée des Arts Décoratifs in the Palais de l'Industrie. Among modern works the composition of Galland for wall decorations was most interesting. There are some casts of which we ought to have copies. The illustrated catalogue, the only one to be had, is incomplete.

Palais des Beaux Arts.

At 1 p.m. we went to the Direction des Beaux Arts and took up M. Crost, who went with us to the Palais des Beaux Arts, where we met M. Muntz, the librarian, M. Dubois, and M. Paul Colin. We looked through the fine collection of casts, saw the library, and visited the workshops of the moulders. There are many works here of which we ought to have copies, some for the schools and others for the Museum.

Pistoia frieze.

There is a most interesting coloured cast of the della Robbia frieze at Pistoia. This, it seems, was cast for the French Government in 1832. It has been coloured or re-coloured lately, in imitation of the original, and varnished. The moulds, I was told, still exist in the cellars of the school, but are in a very bad state.

I saw a cast from one of the reliefs at the base of Giotto's tower, which I have had leave to order for our Museum, and also the whole of one of the gates (Florence Baptistery) and part of the other, which the Boston people wish us to join at casting.

In the courtyard of the Palais des Beaux Arts are many fragments of French Renaissance carved ornament, which are very desirable for our Museum. Many of them have, I think, been cast lately for the new "Musée de la Sculpture Comparée," so they can easily be had.

M. Muntz showed me his reproductions of Italian and other medals cast in plaster, to which a metallic lustre was given by the application of black-lead. He told me that very good casts were obtained, and they considered them quite as good for educational purposes as our more expensive electrotypes.

I spoke to M. Muntz of my desire to find some good figure drawings (académies) for reproduction, by Flandrin or some of the best French artists, and he said he was about to make a selection from the drawings made by students of the school to which medals had been awarded.

Ecole Nationale des Arts Décoratifs.

In the evening we visited the École Nationale des Arts Décoratifs in the Rue de l'Ecole de Medicine, formerly called "École Nationale, de Dessin and de Mathématiques." The instruction is gratuitous, and boys of 10 are admitted to the morning classes. For the evening classes 14 is the limit, and all must be able to read and write. The prospectus marked "A" is annexed.

The students all begin with geometrical drawing, and go through a course of drawing from flat examples of human features, heads, and finally entire figures (Bargue), before being admitted to draw from the round, or what is called "l'antique fragmentaire," a bust or a portion of a statue, and to the modelling* of ornament. On the evening we

* This latter class is reached very easily, and the two go on *pari passu*.

were there some of the class were drawing from a cast of a hind's head and neck, cast from nature apparently, others from an antique bust.

We next visited the life class, where a male model was standing. There were 11 modellers at work on the outer edge of the amphitheatre, and their figures were done (in relief) on ingeniously contrived boards, which were attached to columns, and turned on a vertical pivot or hinge. Great economy of space was the result. There was room for two or three more modellers. The students who were drawing sat inside. They were not very numerous, but their small number was accounted for by a recent competition; for many of them, it is said, relax a little after the strain of extra work. The modelling from the living model did not seem to us so good as that of our best students in training and national scholars at South Kensington, but the average was, perhaps, better.

Modelling.

We afterwards saw the ornament class, composed mainly of boys from 15 to 18. The room was quite full, and the young people were working with good spirit. The beginners have mouldings given them to copy first, and when they have mastered the sections they proceed to copy the ornament on its surface. They afterwards work from more intricate ornaments: from casts of flowers, from animals, and from heads; but all the work in this room is such as can be done while the student is seated at a desk with the example hanging on the wall before him.

The Director afterwards got together, for us to see, a great number of drawings which had been done in a recent competition. These were executed in water-colours. One of the subjects given was an arm-chair, and generally it was given in profile, in front elevation, and in perspective, while a full-sized drawing of the silk or other stuff to be used for the back and seat was added.

We saw other designs executed in colours, none better than the best of those done by our national scholars, and a number of paintings in water-colours, the result of a competition, of large plants done from nature without backgrounds.

This most interesting school we visited again to be present at the adjudication of prizes in a competition for modelling a group of flowers from nature.

Drawings done in session of candidates for diploma.

On Friday the 26th we went by appointment to the Direction des Beaux Arts in the Rue de Valois to see the drawings made in the month of April by candidates for the diploma of professor (drawing master) at what is called a "session." It is a sort of rehearsal for the examination which takes place in August.

There was nothing very striking or interesting in these works. Those produced in Paris in the good schools stood in the same relation to the work from small country towns as the work done in our training school does to that sent up from the country.

The papers concerning this session are annexed, and marked B.

Girls school in Rue de Seine.

In the afternoon we visited a drawing school for girls in the Rue de Seine. This school was founded in 1802, and was for some time under the direction of Mademoiselle Rosa Bonheur. The teaching is free, and students are admitted from 12 to 25. It is kept up by the State. There were 140 girls present at that time and 338 inscribed in the books. The hours of attendance are from 10 to 3. All the students sat rather closely packed in one low room, lighted from the roof, which was in ridges. This mode of lighting was very suitable to the work they were about. Although they were rather close together, and it was not easy for the teachers to move about among them, they had room enough for their work, and each had a good view of the example she was copying. We saw them drawing from four plants and four casts, ranged alternately on the same line. The plant at the end where the beginners were

Appendix A. — Minutes and Correspondence.

working was simple in ts forms, while the succeeding one was more complex and difficult to draw. So with the casts, which ranged from simple geometrical reliefs to the Psyche (Naples). (Paper annexed, E.)

We saw some still-life paintings which were pretty good, and a great number of coloured designs which were excellent. The best had been done in a competition, and we were told that the average attendance of the girls who had done the best designs (for a cup) was four years.

Musée de la Sculpture Comparée.

On the 27th May we went to see the new collection of casts at the Trocadero, called "Le Musée de la Sculpture Comparée," which is for the most part national. It is, as far as may be, chronologically arranged, with here and there examples from the art of other countries, Assyrian, Greek, and Italian Renaissance. Paper annexed, D. Some of the draped figures from the Gothic cathedrals are of extraordinary beauty. We should do well to follow the example of the French and get together a collection of casts from Gothic and Renaissance sculpture, arranged chronologically. In the afternoon we went by appointment to the École Nationale des Arts Décoratifs to be present at the judging of works in a competition of two sections of modellers.

Concours of modellers at the École Nationale des Arts Décoratifs.

The judges were M. Millet and another sculptor, M. Hedin, engaged on works for the Paris Municipality. I asked for a list of the students engaged in the competitions, and have received it for one section. It gives the age of each student, his time of attendance at the school, and states whether or not he had modelled before going to this school. The list is appended and is marked C.

We saw also four students put apart in small separate studios designing a cushion.

Technical school in the Rue Tournefort.

On Tuesday, the 30th, we visited the school in the Rue Tournefort, which is a technical school (école professionnelle). The boys come in from 10 to 12 years of age. They all have four hours a week for drawing:—

1 lesson of 2 hours.
2 „ of 1 „

There is no drawing from flat examples. We saw the books they keep, "livrets," of the work they are executing in the technical part of the school, the joiner's shop or the smithy. We inspected four of these books by boys of 12½, 15, 14, and 15 years respectively.

Boys from 11 to 13 make in 1½ hours a model in clay in low relief, from a pattern drawn on the squared blackboard, about the size of a tile; this is a lesson in composition.

The very little boys modelled on slates from an example done before them on the blackboard. While the class was sitting the master called on the boys for modelled compositions; these were first drawn in white chalk on the slate and then done in clay. Modelling is done from casts first, and afterwards from shaded lithographs.

We saw a composition, a pattern, by a child of six years, at its third esson in clay. When a boy has chosen his vocation he has three hours a week for modelling or carving in wood or stone.

There were 250 boys in the workshops. They carry about in their pockets the bits of wood or iron on which they are working. Little children, from six to nine, begin to draw on squared paper with coloured pencil. The master draws on the squared blackboard some familiar object, a toy, a house, or an animal, and it is copied on the squared paper. The squared paper is used also in the "asiles," or "écoles maternelles," for very little children.

The younger boys are encouraged to do drawings at home, for which they get little prizes, such as very small coloured lithographs.

Perspective is taught at the beginning on the squared board.

For composition one hour a week is given, which for some of the pupils makes a total of five hours a week given to art work.

Children leave the "asiles" or "écoles maternelles" at six. While there they draw, but in the "écoles primaires" to which they go afterwards they do not draw until they get into the first class, and thus about four years are passed without drawing.

Girls' school in the Rue du Vieux Colombier

On the 31st we went to inspect a girls' drawing school in the Rue du Vieux Colombier kept by Madame Thoret, called "une école libre." It receives from the Paris Municipality a subvention of 3,000f. annually, as well as the rent of the rooms, the cost of gas, and of a porter. For these considerations the school is bound to take 25 free students three days a week: actually there were 55 such students. Drawing only is taught on the days due to the State. There are lectures in perspective and anatomy; 160 girls were on the books, 128 present. On the days not due to the State painting is taught.

Evening school in Place des Vosges.

In the evening of the 31st we went to the municipal drawing school in the Place des Vosges, which was admitted to be one of the best of its class.

Here the boys who have never drawn at all begin from flat examples of ornament, and as soon as they can shade a little they go to object drawing.

The more advanced students study 10 days from the living model, 10 days from the antique, and 10 days from ornament and plants. There is a course of anatomy and one of composition; on the books there were 376 inscribed, but the average attendance was said to be 95, and there were 76 present. There is a competition every month. Apprentices attending the school have books (livrets), which are signed for the satisfaction of their employers at every attendance. I saw here a young Englishman, a wood carver, who had formerly been a student at the West London School of Art. The master told me he was a good student. He seemed intelligent, and I asked him how the workmen of his trade in Paris would compare with those of a similar class among whom he had been in London. He said the Paris cabinet maker or wood carver had generally an advantage over the Englishman in being able to express or set out by drawing the work he was going to execute. He thought the Parisian more rapid, capable from skill or temperament of getting through more work in a given time, but working shorter hours or fewer days than the Englishman.

In this school the lighting by gas was excellent; the casts were sharp and good and clean; the seats, too, were admirably contrived. There was in one room a contrivance for a double drawing board of rough glass which takes colours as well as chalk and charcoal.

Elementary drawing, Place des Vosges, école primaire.

On leaving the school in the Place des Vosges we went to a similar one in the Rue Bréguet, but the students had left. The next morning, 1st June, we went to the same building in the Place des Vosges and saw the drawing class of an elementary school, "école primaire," and also an "école maternelle." In the elementary school the children are from 6 to 14.

Drawing is supposed to be done at once from plaster objects; actually flat examples are tolerated for a time, though forbidden by the rule. Here we were told that children were six years in the school before reaching the drawing class.

We saw the first class rehearsing for a competition for a certificate called "de bonnes études." They were sketching rapidly, from a plaster model of vine leaves. There are three divisions or classes; the middle one was drawing from plant forms in plaster, and the lowest from geometrical forms also in plaster.

The examples were fixed against upright stands or poles, good casts, well lighted. There were 53 places in the room, and 50 boys were present.

In the class of boys of 6, geometrical drawing is done on slates.

All the pupils of the two first classes are not in the drawing classes.

The boys have one lesson of two hours and two lessons of one hour. The girls have one lesson of four hours (Thursday). We saw the "école maternelle" in the same building. The children were not at work, but we were shown their exercises done on the Froebel system.

Christian Brothers.

I had heard that the schools of the Christian Brothers had been successful in their teaching of drawing, so I went to the head house in the Rue Oudinot to try and get permission to visit one of their schools which are not under State or municipal control. I waited some time, but was not able to see any one in authority.

Lille.

On Friday, the 2nd June, we went to Lille, having written beforehand to the mayor. On our arrival at the hotel we found M. Marteau, architect of the town, awaiting us, and we went at once to the schools in order to see the classes which break up at 7.

Here we saw elementary drawing, which we found interesting. The beginners had slates, about 30 inches long and squared out, fastened against the wall and the boys had their examples alongside on small sheets of squared paper. Besides blackboards or slates fastened against the wall there were others with a hinge at the top attached to a bar. The seated student had the lower edge of the slate on his knee. At first lines were done, horizonal, vertical, and diagonal; then angles, squares, circles, and curves, leading up to elaborate symmetrical patterns, done with white chalk, and without instrument or measuring. One very elaborate pattern was done by a boy 11½ years old, who had been taught drawing three or four months from the very beginning; another by a boy of 12, who had been working six months; another, which seemed one of the best, was again by a boy of 13, who had learnt six months. We were told that about 10 sittings of two hours each were required for the execution of the most elaborate patterns we saw. These are evidently kept as show pieces, for one of them still on the slate had been done in November, and we were then in the month of June. When a boy has gone through his course on the slates he does the same thing on paper, drawing his patterns first in crayon and then in ink.

For the whole course of blackboard and paper a good student requires one year. They work at drawing two hours a day on five days of the week; the boys next go to a class, where they draw from flat examples of figure and ornament, doing first eyes and noses and shaded heads, then charcoal "académies" after Jérome, to learn how to put together a figure, and shaded figures by Bargue. In working from the flat examples they must do one drawing with hatching; they are allowed afterwards to shade with the stump.

There is a life class, where the nude model sits two hours on five days of the week. In this class room we saw 11 students drawing from the life, and eight from casts. There is another living model sitting four hours daily (in costume) for a painting class. The students in painting begin by copying still life, plaster hands, and bits of silk.

In the modelling class the living model sits two hours a night for three weeks, and during the succeeding three weeks the students work from the antique. When we returned later in the evening to see the artizan classes working by gaslight we found three students modelling and two drawing from a cast of the Venus of Melos, others doing fragments, beginning with eyes, noses, &c. There were nine modelling stands. The modelling was pretty good, but the two drawings we saw *in progress* from the Venus were not so. Modelling and drawing go on

concurrently. There was drawing of ornament from flat examples, also from casts (badly lighted) and from plants.

Some students were drawing ornament in indian ink after a course of stumping. We saw elaborate drawings of ornament being done from the flat, principally by decorators. There is a competition for colour, and we saw small bas-reliefs of figure subjects which had been produced in the modelling class. They were very good, and were said to have been executed between 8 a.m. and 6 p.m.

Industrial Art Exhibition.

The next morning we were taken to an exhibition of industrial art, where a collection of the drawings done in the school was exhibited, coloured designs and architectural drawings figured among them. There was nothing equal to the work done in our training school, or in the Ecole Nationale des Arts Décoratifs, or the girls' school in the Rue de Seine in Paris.

The jute industry flourishes at Lille, and we saw most beautiful stuffs made of it in the exhibition.

After visiting the town museum and the Préfecture, I returned to Paris in order to see a competition of working men, which took place the next day, Sunday, in the orangerie of the Luxembourg.

Concours of artizans.

I went to it when the time allowed was more than half over. I found 360 working men there between the ages of 15 and 30, who were allowed from 9 a.m. till 5 p.m. to make a shaded drawing or a model from a cast of ornament.

A school having from 10 to 25 students may send up three to this competition, and so on in proportion until one with 170 to 200 may send 14. In judging, the bad drawings are thrown out, and for every one considered admissible 5f. is given.

The highest prize is 100f., and there are others of 75f., 50f., and 25f.

The arrangements were admirable, and so was the behaviour of the students.

I returned to London the next day. I had left Mr. Bowler at Douai the day before. He visited the Douai school. His notes are appended.

In this report I have stated briefly such facts as I could gather and take notes of in going through the schools when I had all the time to be using my eyes to form an opinion as to the quality of the work being done. I have but seldom expressed an opinion in this paper. The Royal Commission on Technical Education will, I suppose, ask for our inference.

Conclusion.

In conclusion I may may say that we saw evidence of great activity in art education for the artizan class among the French. The State gives with a liberal hand and the municipalities seem to vie with it. For the current year the Paris Municipality has voted 800,000f. for drawing schools. The instruction is quite free.

Great efforts are being made to train better teachers and here the higher instruction of the Académie des Beaux Arts, with its fine traditions, had furnished a class for which we have no equivalent in England, and from which inspectors and other superior officers can be taken.

In the schools pains and money are not spared to give to students fresh, sharp casts, kept clean, to draw from, and to place them in the best light both by day and night. These are matters of the first importance.

The Department would do well to procure specimens of some of the fittings we saw.

In one school where the lighting struck us as admirable, we ascertained that the lamps used to light the students' work cost 30f. each, those to light the model 150f., and those for the modellers, which can be moved up and down, 125f.

Some of the seats and desks too might be procured.

Appendix A. — Minutes and Correspondence.

In all the best schools we found a desire to eliminate flat examples where they remain, and to let the students draw from objects.

I ordered some of the plaster models most in use for beginners, and they are now in our schools. In these matters the position of the French resembles our own; they are obliged in some cases to tolerate examples known to be bad for want of better. There is in use a substitute for the blackboard made of rough glass. It takes washes of colour as well as charcoal and white chalk. The cost is 200f.

During our visit we met with the greatest kindness and consideration everywhere. Lord Lyons was good enough to recommend us to the Minister of Public Instruction and the Préfet de la Seine, and they appointed officers of their departments to accompany us to the various schools we chose to inspect.

We are especially indebted for intelligent and painstaking direction to M. A. Louvrier de Lajolais, Director of the École Nationale des Arts Décoratifs, and to M. Brogniart, Inspector for the Paris Municipality, whose services to us were continuous throughout our visit.

We also received kind attention from M. Jules Comte, Inspector General; from M. Crost, Chef-de-bureau; and from Mons. Ballu, Secretary, all officers under the Minister of Public Instruction and Fine Arts like M. Louvrier de Lajolais. M. Ottin, a sculptor, who enabled me to see the competition of working men in the Orangerie du Luxembourg, and who, since our return, has sent his report on the teaching of drawing as illustrated in the Exhibition of 1878 (Paris), is like M. Brogniart mentioned above, an inspector of schools of the Paris Municipality.

To all these gentlemen thanks are due from the Department, and we should be glad if an official letter could be written acknowledging our obligations to them.

T. Armstrong.

25 July 1882.

We should also be glad if a letter could be written direct to the Mayor of Lille, thanking him for having placed at our disposal the valuable services of M. Charles Marteau, architect to the Department, a most competent guide, who spared no pains to help us in making the most of our time at Lille. A letter too may be written to the Mayor of Douai, thanking him for his civility to Mr. Bowler.

Notes on the École Primaire et Professionnelle de Douai.

I visited this school on the 3rd June 1882. It has a development into an École Professionnelle, under the energetic direction of M. Farez.

The preparatory school gives three hours a week to drawing, the course being—

Drawing from the flat; eyes, hands, &c.

„ geometric, from cards having the figure and method printed on it.

„ of ornament.

The younger children draw on vertical slates (as at Lille). One fourth of a repeating pattern printed on a small scale is given to the student who produces the whole pattern much enlarged on a blackboard or slate. On such a drawing 10 hours are spent.

After two years they take up history of art, geometry, perspective *with shadows*, and anatomy.

In the course of solid geometry, the actual solid is placed before the student, who is taught to develop and draw the surface, and apply it to the solid.

This makes the Cours Normal for teachers. Those who have followed it go to Paris to complete for the diploma. Three obtained it last year.

The students of figure drawing copy eyes, mouths, &c. from lithographs for six months or a year; then draw from the round, then draw from the life alternately with the antique.

Girls (about 40) follow the same course.

There is a Cours de Peinture décoratif, but the key of the room was mislaid.

There is a class of modellers, about 20, some of them had begun well a copy of the figure of Atlas, about 4 feet high.

There are four technical schools or classes:—

1. Sculpture sur bois; a plain piece of wood is put into the hands of the pupil who is taught to chamfer it, to pierce it, to cut a second piece to fit into the first, to make mortice and tenon, scarfings, door styles, and generally joinery, not artistic carving.

2. Marbrerie; the cutting of stone; the first exercise being to incise lines, curves, volutes, letters, and so on, up to a mantelpiece (but few students).

3. Iron work; a completely fitted forge with steam engine for turning. Here an iron ingot is put into the hands of the student, who cuts it into mortice and tenon, welds pieces together, joins them in other ways; several pieces of fitting were shown which were absolutely correct in their adjustment to each other.

4. A school of chemistry.

The State pays the Professor of Normal School and other professors.

The City pays building and installation.

The Minister of Agriculture the installation of a laboratory; the fourth, technical school of chemistry.

Notes on a Visit to the Schools of Industrial Art of Bavaria and Saxony.

On the 27th of July we reached Munich. On the 28th, knowing that there was but little time to see the Kunstgewerbe Schule, as Monday the 31st was the last day of the term, I went straight there without credentials from the Government, and saw the Director, who told me that the school had been closed a week earlier than usual, to allow of a number of the students being sent to the Nuremberg Exhibition. He himself was leaving for his holidays the next day, Sunday, and most of the professors were away.

He told me the works of the school were well represented in the Nuremberg Exhibition. He would manage, he said, to have any works that remained in the school got together to be shown to us on Monday, when we could go over the class-rooms.

Appendix A. — MINUTES AND CORRESPONDENCE.

In the afternoon we called on Mr. McDonald, our chargé d'affaires, and he said he had written to the Bavarian Minister of the Interior about our visit.

Afterwards we visited the National Museum, which contains a large collection like that at South Kensington, not very well arranged or displayed, but very interesting. We had been told by the Director of the Kunstgewerbe Schule that artizan classes met on Sunday in the Fortbildungs Schule and so we went to inquire, and made an appointment to go on Sunday morning. The next day accordingly we went at 10 o'clock, and found the Minister had sent an interpreter, as the masters did not speak English or French.

This Fortbildung Schule is a town elementary school in which there are drawing and modelling classes for artisans in the evening and on Sundays. The payment is 7 marks a year for all the classes, three hours Sunday and evenings; 4 marks for Sundays only; and 3 marks for the evenings only. The advanced students go hence to the Kunstgewerbe Schule by competition. Most of the students have learnt some drawing in the elementary schools, where the three upper of the six classes have from three to four hours a week for drawing. An account of this is given in the description of the school in Klenze Strasse.

In this school they begin from flat examples, something like our freehand, but larger. We saw two students beginning with straight lines and going on through angles and simple forms to more complicated symmetrical patterns.

In the Sunday classes the students work from separate flat examples or casts, but on week-day evenings they all draw from examples set by the master on the blackboard.

In the first class we saw 12 boys at work, but the average attendance is said to be 40 or 50. Out of 750 students there were only 50 who had no trade. The beginners were boys of 14, but in the more advanced drawing class the students were from 16 to 18. They do solid geometry.

The shaded drawings both from the flat and from reliefs of ornament are done with the stump or the point, or both. Lithographers work in lines with a little stumping underneath. The most finished drawing we saw was done with the point in black and white chalk on tinted paper and was too pretty.

Afterwards comes a step which we had not seen in France or England, drawing from plaster slabs of fine ornament in very low relief from the church of S. Antony in Padua. Of these there are 20 pieces, and they are to be had from Professor Mozet at the Polytechnicum. They are used in all Bavarian schools.

The teachers said they considered this the best transition stage from flat examples to ornament in ordinary relief. The next stage is drawing from simple large forms in relief, such as large leaves.

After the large leaves they go on to do ornament in relief, such as we use at South Kensington.

In a more advanced class, for admission to which the freehand and architectural courses must be gone through, we found coloured drawings of woodwork enlarged from printed examples or from photographs with alterations which amount to something like composition. There were no specimens of wall decorations in the school, but we were told that such were done. We saw compositions of flowers in tempera done from artificial flowers which were very bad. There was a water-colour drawing in progress from a printed example in black and white of a woven stuff in the National Museum. It was in two greens and was good. The teacher tells the student to go and look at the stuff itself in the *museum*. Plaster heads are drawn by gas light in winter, and shaded

with the stump. As the instruction goes on the technical character of the work is chosen with regard to the student's trade. We saw a large drawing of a piece of furniture in which all the construction was shown, also one about 4 feet high and tinted in Indian ink of a piece of wrought-iron work enlarged from a photograph. This last was done by a locksmith.

In the architectural room we found 17 students at work, the average being 50. They work five hours on Sundays and also on four nights; four hours at projections and two at perspective. These young men were all above 16. They are mostly the better sort of masons and joiners. They begin in this class with simple tinted drawing of brick-work construction, and go on to do more advanced work of building construction and ornament, or machinery, or woodwork, according to the wants of the student. They sometimes make models of machinery. There was no drawing from solid models, but we were told that drawings from machines were sometimes done on Sundays.

The machine drawing is begun on paper from examples on the blackboard.

Modellers begin by copying large leaves of ornament after a course of outline from plaster examples. There were 8 or 10 present. Heads and limbs are sometimes done, but seldom, or never, whole figures. The more advanced learn to compose by making variations in the examples. They work from small printed examples or photographs, and enlarge. In one very good specimen of this, the young man was making something better than his example, a festoon of flowers and fruit from a photograph. Another advanced student, seven years in the school, had enlarged one of Fiamingo's figures to about three times the size. He said he had only done, in figure modelling, a head and a caryatid from casts. His trade was to work up the unbaked clay models of church images when they came from the mould, removing the mould marks and finishing the under cutting. We saw a workshop in which metal work was done, forging, respoussé work, and chasing. There was a repoussé work dial in progress which was good. Also a casting in brass, made outside from a model done in the school, which was being chased. It was a sort of plaque with little figures. We were too late to see the people at work, but were told that the class, which works only on Sundays, was attended by 15 students, who are all grown men and are taught by a goldsmith. The men who come are doing common work in their every day life. We saw no other technical work being done in the school, and were told there was neither wood nor stone-carving.

On 31 July in the morning we went to the Kunstgewerbe Schule,* where we found Professor Strähuber, who had been asked by the Director to receive us and show us the class-room and such of the students' works as had been left in the school.

It is a handsome building with a central court glazed over and decorated by the students. There is much space, but the rooms are not very well lighted for day class-rooms, the windows not being high enough.

The school is meant for artizans, but it is impossible to exclude those who mean to become painters if they fulfil the necessary conditions. It is full, so that 40 per cent. of the applicants are obliged to wait for vacancies.

Every student is obliged to go through the architectural course, and this may be somewhat deterrent to painters. If they go through it they become, *ipso facto*, somewhat qualified as decorative artists.

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* State school, not municipal.

Appendix A.

MINUTES AND CORRESPONDENCE.

We were told that the drawings of applicants for admission who were known to be workmen were judged more leniently than those of young painters. The Academy at Munich being full, many young people who want to learn to paint pictures wish to enter this school.

There are in all 180 students, of whom about 40 are Bavarians, and of these 20 who have scholarships receive 365 marks a year and free instruction. No Bavarian who is in other respects properly qualified need be kept out for want of money to pay the fees if he can show, by a certificate from the burgomaster of his town, that he is really poor. There are not many such, only two or three. Many of the students come from other countries, and some of these have scholarships from their own governments or towns. Students must work a year in the school before they can hold the Bavarian scholarships. All must be over 15 and under 40, and the charge or fee is 15 marks a term. In some cases employers pay the fees for their clever workmen with the hope that they may become more useful to them as draughtsmen or designers. The hours are from 8 to 12 and from 2 to 7, and there are no other evening classes, so men working at their trades can only attend by giving up their work while in the classes. For such, daily attendance is not required, and they may come on one or two days in the week provided they bring certificates to show they have been at their work on the other days. With others, regular attendance is insisted on, and those who do not comply with the rule have to leave. If absent for three days a student has to give an account of himself.

Decorative painters who are not able to follow their trade in the winter often attend the classes regularly during that season. Every student has at the end of each term a certificate on which the professors report as to his progress, and at the end of his course, on leaving the the school, he has another certificate as to his proficiency. There are four grades of these. Among the whole number of students there are 15 or 16 who are about to become teachers in other schools, and these have to go to the Polytechnicum for two years on leaving the Kunstgewerbe Schule, and thus their general cultivation is improved. These receive, when placed, from 1,600 to 2,000 marks a year, and have much time for their own work. For very small schools the curriculum at the Polytechnicum is not insisted on. After being one year (two terms) in the school the student must choose and declare the trade he means to follow, if he have not one already.

The school was closed and most of the best works had been sent to the Nüremberg Exhibition.

We saw a number of the drawings which had obtained admission for students. They were of ornament done in pencil or in black and white chalk or in ink. They were very neat and careful, quite unlike French work, and rather too pretty and ladylike for artizans' drawing.

There is no drawing from flat examples. The very flat reliefs from Padua are used. The other ornaments in relief used as examples are very like our own.

There is a class for flat ornament, such as drawings for stuffs, for wall papers copied from books or prints, for painted walls and ceilings in colour, and studies in tempera (compositions or arrangements) are made from artificial flowers. We saw other coloured drawings which had been done from ceilings in Italian palaces by students who had been sent on a 25 days' tour, also large pieces of coloured decorative work with figures and ornaments, 12 feet by 4 feet, designed and executed by students. We were told there were 10 or 12 in the school who could do such work. People who wish to decorate their houses apply to the school.

The work is generally done in tempera, but other methods are used.

Every month there is a competition, and small prizes (books) are given for the best compositions of ornament. These are not done in the school.

There is a lecture theatre, and here the students learn perspective two hours a week, geometry four hours, and the history of decorative art three hours.

In the antique room were many heads and limbs and some small figures but no large ones. We were told there was no room for them and the study from them was not considered important.

There is a sort of time test when heads are drawn in a week on winter evenings. We did not see any drawings from antique figures.

There is a living nude male model sitting every day from 7 to 9 a.m. in summer and from 5.30 to 7.30 p.m. in winter, and about 40 students attend. There is no painting, only drawing and modelling. The draughtsmen sit on the inside of the semicircle, the modellers outside, and a sort of raised form is used by the furthermost.

We saw some of the drawings from the life. They are much smaller than ours, not more than a foot high.

We saw no modelling of round figures, but bas-reliefs of about the same size as the drawings. These were good in their qualities of relief. The drawings were neat and fairly good.

We saw some excellent round modelled studies done from drapery put on an antique figure and others in relief of a piece of hanging drapery.

In winter two hours daily are spent by modellers in sketches for composition, and some of these sketches we saw gilded or coloured; for instance, a knife and fork with ornamented metal and enamelled handles.

In one room, where ornament is drawn in the evening, we found the (relief) examples propped up on the desk before each student's seat.

The appliances for lighting the living model and the students' work by gas seemed very good, and much like some we had seen in Paris.

We saw some ornament modelled from the flat, and altered so as to make the exercise one of composition. This had been cast. There is a moulder in the school, and these casts are sometimes utilised as examples to draw from in smaller schools.

Decorative painting seems to be much encouraged. The school building, or part of it, was formerly a stained glass factory, and two large rooms once used for setting up the windows against a large light are now used for decorative painting. We saw some large pieces of wall painting copied at an old palace of the King of Bavaria to which some students had been sent at the expense of the school.

As before stated, they are sometimes sent to Italy. We were told of two having gone lately. They had 800 marks to spend, and on their return had to show their work and give three or four of their drawings to the school. There seemed to be no fixed time or rule for such expeditions, but sometimes the Minister on visiting the school offered to find money.

The students at this school are allowed to attend the anatomical lectures at the Academy.

We saw very good models in wax for wood carving, also a wax model of a boat or galley with a figure to be executed in precious metal.

In a room on the ground floor we saw some technical work in process, metal-work, repoussé, and chased; also enamelling. There was a small forge and an anvil, and an oven or kiln for the enamel.

The girls' school is in the same building. There we saw studies in oil from flowers (natural). There was nothing very remarkable about the art work we saw. They do lithography and wood engraving; of the

Appendix A. MINUTES AND CORRESPONDENCE.

latter we saw specimens. They also design for woven stuffs and for embroidery. The designs we saw were not interesting or remarkable for invention or for artistic feeling, being much like those done by the men.

On Monday afternoon (the 31st) I went to see the Herr Schulrath, Dr. Rohmeder, who gave me a letter to Inspector Rudelsberg to enable us to see the teaching of drawing in an elementary school.

On Tuesday, 1st August, we presented the letter at the school in Klenze Strasse.

There are seven classes in the school, and the three highest draw on paper from examples set them on the blackboard by the master or mistress. The paper is first squared out, and in this measuring is allowed. Angles and squares are first done, and afterwards curves inside the squares. We brought away books and papers containing the exercises which illustrate the system. The lowest of the three* classes learning drawing has four lessons a week of one hour each, the other two have three lessons of one hour, and this goes on till the children are 13. They have to pass an examination before leaving school, and are by law compelled to remain a year longer if they fail. After leaving the day school they can come to the Sunday classes; 50 come to these classes. Here they do geometrical drawing.

Prizes are not given in the school, but the children are placed.

We saw the youngest children being taught drawing and writing together. The writing is the angular Gothic. This was done with slates, on which they had first to move their fingers up and down from right to left on the top and bottom and diagonally from corner to corner as the teacher directed; a rotary movement was then made from right to left, and *vice versâ*. These movements were followed by drawing with slate pencil on ruled lines after the example given by the teacher on the blackboard. This goes on for about three months, and then they go on with writing proper, and there is nothing like drawing done until they reach the three highest classes, that is, from about 6½ to 11.

In the interval they have sometimes to draw a plan of the schoolhouse and the neighbouring street and gardens from an example done by the teacher on the blackboard. All the teachers must have a drawing diploma, to obtain which they must make a shaded drawing from an object. The exercise is not always the same, one of the teachers who accompanied us having had to make a shaded drawing of an arrangement of flowers *from memory*. We could not see any of their work done for the diploma. We saw some drawings on the blackboard done by the ordinary teacher, which were very good.

There are besides special teachers of drawing, a master and a mistress.

The mistress told us she was able to teach five classes of about 60 children for an hour each without too much fatigue.

The shading of portions of the drawing is done to employ the cleverer and more rapid of the children to keep them quiet until the rest have finished. This interesting school is kept up by the town, but is under State supervision.

Before leaving Munich I ordered a set of the low reliefs from St. Antony's, Padua, which are in use in Bavarian schools. The set of 27 pieces costs something under 5*l*.

We reached Dresden on Wednesday evening the 2nd of August, and the next morning I went to seek our chargé d'affaires in order that we might be put into communication with the authorities. He was not in Dresden, and I thought we had better see what could be done without

* The girls have only two hours a week for drawing.

official introduction, so we went to the Kunstgewerbe Schule. To our surprise I found it had been closed some time, and everything was in disorder with workmen adding another story to the building.

The porter was very civil when I explained what I had come about, and offered to show me some of the rooms in the school and the museum attached to it. He said the director and the professors with one exception were away. This was Professor Donadini, and him he promised to get to the school. The next morning, at 10 o'clock, we went by arrangement to meet Professor Donadini, who spared no pains to explain to us the course of study in the school and to show us the works which happened to be there. These, fortunately, were numerous, being the remnants of a recent exhibition which had not been taken away by their owners.

We saw, besides, a book of photographs taken from works executed by students of the school.

This Dresden Kunstgewerbe Schule is supported by the State, and there is a similar one in Leipsic. It has nearly 300 students, and is always full.

The boys (there are no girls) may come at the age of 15, or directly after they leave the elementary schools if they are otherwise qualified. They more commonly enter the Kunstgewerbe Schule late, having in the intermediate time attended the Fortbildung Schule, or some other. They are taken on probation for six months. The test examination is very much modified at the discretion of the director or professors. If a young man has had good opportunities of study a better drawing is expected from him to entitle him to come in than would be looked for from another who had come from a school where but little time is given to drawing. In the latter case a drawing from a flat example of ornament would suffice. In the former, one from a cast would be required.

The school consists of two divisions. All pay 30 m. the first year, but afterwards some of those who are promising, and at the same time needy, have free instruction. Of such there are from 15 to 20.

Some students come the whole time, and others, as in Munich, two or three days a week.

The printed papers furnished to the office will supply information which we could not obtain. I will mention some of the students' works remaining in the school from the exhibition:

Enlarged drawings done on squared paper for weaving for a small bit of stuff (silk) containing the repeat of a pattern. This is an exercise of a technical kind requiring little practice in drawing.

Large drawings or tempera painting in black and white for lace curtains: the size of the woven stuff, very neatly and skilfully executed, needlessly so.

A large coloured drawing of the corner of a carpet done apparently in squared paper, larger, but no better in design than some in our last national competition.

Coloured drawings of advertisements and calendars with ornamental borders and figures very skilfully done, very German in style, to be executed in chromo-lithography. They were mostly done by a student of 20, who had been three years in this school, but in his trade as a lithographer had worked at this kind of thing before. He was then painting, from nature, figures and still life in oil, and the Professor said he showed no tendency to leave his trade in order to paint pictures.

A few water-colour copies from flat examples, which were pretty well done, but seemed to serve no purpose beyond the amusement of the student.

Some very clever but mannered drawings in water colours were shown us of the size and character of our Christmas cards. They were meant for reproductions in colour-printing, for which they were well suited. In them flowers and figures were arranged with ornament but treated in a realistic manner. We were told that the student who did them was only 17, and had been but two years at the school. I expressed surprise, and then the explanations given were that he was a lithographer and had been doing this work before he came to the school. They were most deftly done, without being remarkable for anything but their execution.

A small coloured drawing of ceiling decorations and others of jewellery, which were very neatly executed.

A young man of 21, who had been a year and a half in the school, brought a drawing he had just finished to show us. It was a festoon of roses of different colours, with the leaves done rather above the size of nature on a grey ground in tempera. It was like the work of a clever French decorator, but rather harder. Natural flowers had been used as models, and the work, which pretty well filled a space of 4 feet by 1½, had been done in five days.

We saw two or three other works of a similar kind, among others an upright panel of flowers in tempera, arranged and painted with a reference to nature on paper, about 5 feet high by 1½ wide.

They were much like the clever French paintings, but not so good as the best internal decorations in Paris cafés.

Some studies of flowers and fruit done in tempera on tinted paper without background were much better, some of them very good, but they were simply copied from a small group without arrangement.

We saw a student painting a still life group very much like those set up in our schools. This was said to be his first work in oil, but the execution was dexterous. We were told he had already painted a good deal in tempera.

Other paintings in oil from the same group were very cleverly done, with a certain bravura of manner. None of these things were better than such work done in our own schools at South Kensington. There were some well-executed drawings of cabinet makers' work; not better, however, than would be produced in the best shops in London.

Small plaster casts of renaissance ornament had been used as models for sgraffito work, and had been enlarged, somewhat altered, and drawn out flat.

The same process was gone through as an exercise in colour, for flat decoration, the relief ornament being translated into flat coloured decorations; a very useful exercise.

A large and well done heraldic drawing in tempera was shown to us. These works had all been in the recent exhibitions, and cannot be accepted as examples of the average work of the school.

We saw some but not many drawings of ornament. They were done with the stump and the point together on tinted paper, with black and white, well modelled, and very neat. The process seemed a laborious one. Of drawings from the antique we saw none.

There were studies from the nude male model unusually large, 2 feet high, in which much white was used on tinted paper and with background; a very vicious method. There were some smaller drawings from the life about a foot high, like the large ones done with a dexterous mannered touch; also careful drawings of skulls and of heads done from casts taken after death. These latter were executed with the point in 10 sittings of two hours each. They had backgrounds.

Similar drawings of heads—portraits of living persons—were there, in which charcoal was rubbed in with the finger, a stump not being allowed.

Professor Donadini explained his own method to us. When a student comes first into his hands he gives him some object to draw, and when this is done to the best of the young man's ability he decides whether it is worth while for him to go on. If it is, he puts him for a month to such work as he has already done, perspective and anatomy, and afterwards proceeds to teach him the technical part of the work to which he means to devote himself. If he is to be a lithographer or engraver he learns to draw with lines. After drawing casts taken from nature (heads of dead people) and extremities, he does the same kind of work from life, and then proceeds to paint heads from the living model.

He encourages his pupils to carry sketch books always, and to use them in their every day life constantly. Anatomical sketches are made at home. Next comes drawing, and then painting, of the whole figure from the nude model. (We saw no such painted studies.) Every month he gives a subject for composition of the figure, treated decoratively.

He told us that he has not found this painting from the living model dangerous to his students of decorative painting, as it is said to be by the Paris professors, and that none of them have left their proper work to become painters of pictures.

We saw his own work, and found that he is an extremely skilful decorative painter of the higher kind. He had designs and models of considerable size of ceiling and wall paintings, which he had executed on a large scale.

Though a Venetian, his artistic education was got under Piloty of Munich; but there is something which is not German in his work. He gave us the impression that he is an enthusiastic teacher, and he showed us how he trained his advanced pupils to follow in his steps. In his studio there was a plaster model of a complicated ceiling, and from this he told us he cut out in paper the shapes of the different spaces to be decorated and distributed them among the advanced students with instructions as to the general scheme of decoration. When these were done he put them into the spaces and criticised them afterwards, taking them out again and again for alterations and corrections, until a harmonious whole was arrived at. He said his pupils had executed a short time ago the painting of a very large triumphal arch which was put up for the opening of the exhibition, and also a temporary ball-room in the Royal Palace. To these opportunities, to Signor Donadini's personal influence and talent, and to the carefully studied scene painting and mise en scène of the Dresden theatre, I attribute the skill shown in decorative painting. All methods of painting are taught, and tempera is especially encouraged.

We saw plaster casts of ornaments which had been modelled by the students, probably from flat examples, or enlarged and modified from small plaster examples. They were not good.

There was a branch of a bay tree modelled in rather high relief, which was better.

We were not shown any round figures, but several reliefs done from round examples or from photographs, the figures from the Medici tomb, and the Adam of Michael Angelo. These were rather large, about 3·6 high; and there were some male figures and some antiques of the same size; also a large anatomical study of legs. They were not very good, not so good as the best at South Kensington.

There are evening classes in this school, which are not thoroughly organised yet. They are under the State, but are helped with money

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from the Kunstgewerbe-verein. Here the students pay 2 marks the term, and are taught geometrical drawing, drawing from flat examples, and from casts.

We did not see any appliances for lighting the school at night which were new or interesting, nor were the rooms exceptionally well lighted in the day time. In the new story now being added to the building there will be large windows.

As it seemed desirable that we should see the teaching of drawing in Saxon elementary schools, in order to understand the material with which the Kunstgewerbe Schule had to deal, I wrote a letter to the Cultus-minister (Minister of Public Instruction), in whose Department they are, explaining our position in the absence of the chargé d'affaires, and asking if he would enable us to see some of the drawing work.

On Saturday evening, the 5th, I went by appointment to the Ministry, and was received by Dr. Bornemann, Schulrath. He told me the schools were all closed and the masters all away, but he would see what could be done for us.

The same afternoon he sent a letter proposing to meet us the next day at a seminary or training school for teachers in elementary schools, which is in Schäferstrasse, Neustadt. We went accordingly, and looked through a book showing examples of all the stages of work done by the young people.

We brought away papers in which the division of work is shown, and looked through drawings which had been pasted into books, evidently the best. The earliest work were symmetrical shapes, principally of interlaced bands, which were tinted in water colour. These were done from flat examples, uncoloured. Afterwards came drawings from plaster low reliefs, very well and carefully shaded, and drawings from models.

In the first and second class the school work consisted principally of carefully tinted exercises in projection, pieces of wood with the grain made out elaborately; also exercises in perspective—a corner of one of the rooms, a piece of the outside of the building, or of the other buildings seen from the window—in water colour. One drawing of a corridor lighted by several windows was extremely good. There were water-colour landscapes, too, mostly from flat examples, and still-life pieces of apples and pears lying on a table; the last done in a very childish manner. The serious work here was good and thorough, and we were much indebted to Dr. Bornemann for coming out on Sunday to show it to us.

On Monday, the 7th, we applied by letter to two teachers of drawing in elementary schools. One of them, Herr Simon, arranged to go with us to the second Burger schule in which he taught. There are eight classes in this school, and in the fifth and sixth drawing is done under the ordinary class teachers on the black board, who as shown above in the account given of a training school, are well grounded.

In the fourth class teaching by a special master begins here, but in some schools the class teacher takes all the drawing below the second class.

In the fourth class here the children are from 10 to 11 years old, and they begin by drawing simple geometrical shapes. In some cases the backgrounds or large open spaces are shaded with long straight lines. This is done, Herr Simon said, to give facility and power of hand. In Munich such shading was done with shorter lines, and it was allowed in order to keep the quicker children quiet until the slower ones had finished their outlines. These are done from the blackboard at the very beginning of the year in the fourth class, and we were told that the paper had not been squared out to begin with, which seemed extraordinary. In

the third class the examples are of the same kind, but more complicated. In the second class, where the children are from 12 to 13, they draw from flat examples, which they copy in a different size. Here they work also from objects, little whitened wood cubes, pyramids, spheres, arches, &c. In this class the teacher gives lessons in perspective (empirically) on the blackboard.

The first class works from plaster casts of ornament, designed as examples, sharp and hard (like those we had seen in the other schools).

These slabs are made to fit into wooden frames, which appear to rest against a rack on the top of the desk before the pupil.

The drawings from these reliefs are done with the point and the stump on tinted paper, and with a liberal use of white chalk. Strange to say, the backgrounds are tinted of a yellowish colour; the paper is bluish. They were very well and carefully shaded.

All the classes of boys under the special teacher have two hours a week for drawing. The sixth and fifth classes have one hour only.

We saw shaded drawings of flowers, also fine drawings of flower outlines, all done from flat examples. They are of little use.

The girls only draw the last four years. The last two years two hours a week, and the previous two years one hour.

All Herr Simon's pupils, except those as before stated in the fourth class at the beginning of the year, draw from flat examples, which they enlarge or reduce.

In the first class geometrical drawings are done, and water-colour is used for them.

Some of the shaded drawings from plaster ornaments in relief were very good, and we asked him if we could accept them as representing the average performance. We were told that 40 boys were doing such drawings, and that about 20 did them as well as those we saw. Model drawing which is begun in the second class is sometimes finished in the first. This is done in sepia or in black and white chalk. We saw two drawing from flat examples, a head and a landscape, both bad; but we were told this was quite exceptional.

We afterwards went with Herr Simon to the Reale Schule in Neustadt. Here the boys are admitted at 10 or 11 (they go to other schools at 6). Sometimes they stay in the Folks Schule till they get into the fourth class, and then go to the Reale Schule, where they may remain until they are 18.

There are eight classes, and a year is supposed to be spent in each.

The earliest drawings were like those done by the fourth class in the Burger Schule; some of the boys came to the Reale Schule from country schools, where little or no drawing is done, and so Herr Simon has to make them begin at the beginning. They work from examples on the blackboard for the first six months. We saw drawing from the flat examples (enlarged or reduced), and tinted in various colours with water-colour. The example is plain, and the tinting is done at the suggestion of the master. This is done sometimes in the second class in the Burger Schule, and is considered an exercise in tinting. Besides, it is valued as giving an interest in the work. Some of the drawings were elaborate and highly coloured; they had, like most of the other work, a hard and mechanical look, but were neatly and even skilfully executed. The drawings from plaster casts (reliefs of ornament) were like those done by the first class in the Burger schule, on tinted paper with much white. The model drawing here is done in chalk or sepia as the student chooses. In the third class and the lower second model drawing is done.

Some of the shaded drawing we saw here from the more difficult reliefs were good. Much white was used and the objectionable yellow

background. These were done by the lower second class. In the third class freehand drawing is still done, and Herr Simon teaches perspective empirically. Here geometrical drawing is begun under another teacher, and this is continued through the second and first classes where no freehand drawing is done.

We saw a few water-colours done from flat examples by the first class. They had no value.

We were much indebted to Herr Simon, who gave up his holiday time to us. Mr. Bashford found him for us, and we had no official recommendation to him.

On Tuesday the 8th, before we left Dresden, I had an opportunity of seeing the Academy of Fine Arts, and went over the building. It was vacation time, and there were no students present; but some of the works which remained in the schools were shown to me. There are three classes, and at that time there were 26 students in the lower and 33 in the middle. There are four competitions for the lower class:

1st. Shaded drawing from plaster heads.
2nd. Shaded drawing from a flat example of the human figure.
3rd. The same from memory.
4th. A sheet of linear perspective.

The test drawings for admission to the first class are two, one of the same size as the cast and the other reduced.

In the middle class all draw from the cast. They may draw with the point if they like; there is no rule.

A professor comes daily for two, three, or four hours. He is changed every month.

The students work in the academy six hours a day, and are sometimes allowed to stay longer.

In the middle class anatomical drawings from flat examples are done, and every fourth week this class has a living model, who sits 12 hours. From him a shaded full length figure must be done. These figures are 12 inches high. I saw one which was said to be a good average specimen. It was very bad. The small drawings from the antique were much better.

Sketches in outline of figure compositions are done from pictures and engravings.

There are six competitions in the middle class:—

1st. Small figure from the antique.
2nd. The same from memory.
3rd. Small figure from living model.
4th. The same from memory.

I think the other two are—

5th. A drawing of the same size as the cast.
6th. Light and shade perspective.

Passing through these qualifies for admission to the upper class, or for a sculptor's studio, with use of living models.

There were some drawings of life-size done with the stump, and without white. I was told that four weeks of 33 hours each were allowed for these drawings.

We arrived at Nuremburg early in the morning of the 9th and called on the burgomaster, Freiherr von Sromer, who was most kind. He gave instructions to Dr. Stockbauer of the Industrial Museum to meet us at the Exhibition and give such explanation of the works there as we might require. We went to the Exhibition each of the four days I remained in Nuremberg.

It was imposible for us to estimate the value of the show of art work from these Bavarian schools without assistance, for there was no indication of the manner in which the drawings, paintings, and models were

done. A person coming from the exhibition of our national competition works who saw the imposing array at Nuremberg, would be struck by our apparent inferiority, for he would probably take for granted that most, if not all, of these large and well executed Bavarian drawings of textiles, woodwork, metalwork, decorative painting, and so forth, were inventions —original designs.

Dr. Stockbauer was with us three times in the Exhibition, and as I pointed out to him the principal objects sent by the different art schools of Bavaria, and asked him how they were produced, whether original designs or copies, I took down his answer in a note book.

From these notes I supply a list which will show that very few of the drawings, paintings, and models were of original design. Many of them had been copied from objects in the Museum, but very many simply copied from books.

I read to the Royal Commission, while giving evidence before it, the greater portion of this list or table, which is attached to my MS. report.

In this report on art teaching in Bavaria and Saxony I have hitherto confined myself to recording such facts as we observed while visiting the schools, or as were communicated to us by word of mouth by the masters or inspectors who accompanied us. The answers to our questions were taken down at the moment in note books, and, in copying from these, nothing had been set down which was obscure or doubtful. It will be borne in mind that this method of extracting information, while looking over a large building, is difficult and tedious, and may become irritating to the guide. We met with great civility everywhere, and in most cases were convinced of the trustworthiness of our informants.

It now remains for me to compare the systems of teaching we have seen abroad with our own.

First, then, I would call attention to certain conditions under which art teaching is carried on in these countries which are, I consider, more favourable than ours.

In all of them the working classes can, and in some do, give up the Sunday to art work. In Saxony and Bavaria the Sunday teaching is certainly a most powerful factor and, although we saw no classes at work in France, I was present in Paris at a competition in drawing and modelling in which 360 workmen took part between nine and five on a Sunday. I am not called upon, I know, to give an opinion as to the expediency of using Sunday in this way, but it is clearly a great gain to have a free day on which all working men can come together for competition.

In Germany, Sunday is the great day for instruction in the Fortbildung School, and we were told that it was a common practice for masters to set their apprentices and workmen at liberty to attend art classes on Thursdays in the afternoon.

In no instance did we find anything equivalent to the management of our schools by voluntary committees. They were in all cases under the direction and control of a central authority, either the State or municipality, which was able both in France and Germany to provide itself with a competent staff of inspectors and directors through the high academical teaching and discipline which is traditional. This is especially the case in France, where a noble tradition of art teaching is preserved by the Académie des Beaux Arts, a body which is in no way mixed up with commercial interests, and is thus free to maintain the highest view of art instruction. From this source are obtained officials for the direction of art schools and museums who have had the best possible training. The art masters of many provincial schools in France are yet, it is admitted, far below the standard it has been thought desir-

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able to fix, and great efforts are being made to fill up vacancies as they occur with well-trained teachers, holding diplomas.

In all the towns we have visited except Lille there survive art traditions such as do not exist in London, Glasgow, Manchester, or other large towns in this country. Worcester and some of the older pottery towns may have some such traditions, but I do not know that it is so. Paris has long produced largely, not only for its own adornment but also for export, articles which derive their value from dainty and artistic workmanship. The Parisian workman has for many generations been in contact with buildings decorated externally with good sculpture, and internally with wall paintings, with wrought metal and marble carvings. In the ceremonial of the churches he has, besides, been familiarised with the most beautiful woven stuffs which are used for sacerdotal vestments. Out of doors he has been accustomed to see good statues in the public gardens.

On Sundays he has been able to visit museums containing not only good pictures, but beautiful furniture, and the choicest examples of decorative art. London workmen can now see such in the South Kensington Museum if they care to go so far when the day's work is over, but they cannot see them on Sunday. The Paris workman and his father and grandfather have had these opportunities, and, besides, have lived in a sort of artistic atmosphere which cannot exist in towns where the people engaged in art work are few and scattered, and where there is not the sort of stimulus which comes of sympathetic surroundings, nor the direction of another stratum of art workers trained under such auspices as those of the École des Beaux Arts.

In Munich there was during the reign of King Lewis a lavish expenditure on works of art, on art teaching, and on pageants carried out under the direction of accomplished artists. The moderate size of the town allowed of the inhabitants getting familiarised with the practice of decorative art without going far from their homes.

In Dresden there has been for 200 years an art manufacture which has been a source of pride and profit to its inhabitants, and fine examples have been accessible to them in the gallery of pictures and the other royal or national collections.

In Nüremberg there is a survival of the art manufactures for which it was famous centuries ago, debased it may be, but still living.

I have insisted on this point at some length because I do not think it is fair to our system of teaching to judge it from results produced on populations raw and unprepared to receive impressions of beauty, and, from want of familiarity, not eager to come towards fine examples, with other systems applied to people who are prepared unconsciously, not only in their own early years, but congenitally through several generations of ancestors.

I do not believe that the French peasant, and still less the German, is more easily trained to be an art workman than the English peasant, nor do I think the bourgeois class in Paris superior in that respect to a similar class in London; but the artist and the art workman in Paris, in Munich, in Dresden, and in Nüremberg, has the start of us, and it would be foolish not to realise that, in some respects, we carry extra weight in the race.

These hindrances in the race of competition with our neighbours are what, I take it for granted, we must bear for the present, and perhaps for some time to come; for we cannot teach the dead grandfathers of our potters and cabinet makers, and the Sunday work cannot be looked to.

We did not find in either France or Germany anything resembling our system of combined payment by fees and results, a system which

certainly appeals to the strongest motives for human endeavour. It is not to be hoped that the average art master will neglect the commercial interests of himself and his family, if he have one, when he can, with credit to himself and his school in the eyes of the out-door world, choose those grooves to run in which most easily bring payments to himself and prizes to his pupils. It is not fair to ask more of human nature.

The endeavour, therefore, of the Department has been and must be to so adjust the stimulus of its payments as to encourage sound methods of instruction.

The point in the German art teaching which struck us most, and from which there is, I believe, much to be learnt, is the preparation in the elementary schools for the teaching in the art schools.

If freehand drawing ought to be taught at all in our elementary schools, every effort should be made to render the teaching more efficient. At Lord Spencer's request I made three visits to the Normal School in Marlborough Street, Dublin. There the master showed me that the time given to freehand drawing was too short to be useful. This would not appear from the papers of the school, but I found it out through his making the children in different classes declare, by holding up their hands, how many of them actually had the time allotted to drawing in the programme. I fear this is so also in many English schools. As drawing is not taught in 75 per cent. of our elementary schools, the boy of the artizan class who comes to the art school is with us almost always mere raw material; in Saxony and Bavaria he is universally trained to neatness of handwork, if to nothing more.

There is clearly work to be done by us in this direction.

Some three or four months ago the London School Board engaged Mr. Ablett as inspector and teacher of the art of teaching, "pédagogie," as the French call it.

Mr. Ablett, under our Department, has succeeding in producing extraordinary results at the Bradford Grammar School by systematic teaching. He is a man of great intelligence, with a love of teaching, and I hope we may soon see some results from his appointment. At present the winner of a certificate is not bound to show his power of imparting to others the skill and knowledge by which he has earned the distinction. Drawing under the present arrangement in the elementary school is not always profitable to the teacher, who can often obtain higher payment on results more easily in other subjects, and I believe (but of this I have no direct evidence) that on this account the time allotted on the programme to drawing is often taken for other subjects.

If it should be thought expedient to teach drawing more efficiently in elementary schools, I should much like to introduce a system by which the best students should on leaving, by way of reward, be granted free instruction in the art classes or Schools of Art. This linking of the elementary to the advanced teaching has been suggested by Mr. Ablett, and I think much might be made of it. With improved teaching of drawing and more of it in our elementary schools we shall provide for the children of to-day, but in the meantime I should like something to be done for those who have grown up with no instruction at all.

It is quite certain that in most of our large towns not one tenth of the number of those artizans who would be all the better workmen for some knowledge of and practice in drawing or modelling come to our schools or art classes.

We should try to attract them, and for them some modification might perhaps be made in our system, which is, I think, more adapted to the wants of young people who may hope to enjoy continuous art education for some years, and who are from their stations in life somewhat delicate handed, than to those of workmen who, after handling

hammers, trowels, and saws all day, come to get their little training as draughtsmen at night.

Perhaps bolder and larger examples and a somewhat rougher method of execution might be introduced with advantage for these. A workman with a good eye and fair natural aptitude for seeing and rendering form who comes to draw as an evening student is, it seems to me, from the nature of the occupation at which he has been all day, somewhat disabled from copying neatly the small forms of our examples. At any rate, I should like to try the effect of larger and coarser examples on this class, if we can get them to come in greater numbers to our schools.

There can be no question as to the advantage to be derived by masons, joiners, cabinetmakers, and such like from learning drawing; first drawing with instruments, then freehand from flat examples, and afterwards from large and simple casts of ornament. The method of execution and amount of finish I saw at the competition of working men in Paris would, I think, suffice.

The schools or class rooms should be as light and spacious and be kept as clean and bright as possible, and be made interesting by casts and photographs of good works of art. In some of our very smoky manufacturing towns this is difficult, I know, but we have to compete with public-houses and music halls, which, besides other attractions, have that of a bright and cheerful appearance.

Much can be done to improve the lighting in our evening schools, and without great expenditure, if the students are made to draw in classes of six or eight, or more if possible, from perfectly lighted examples. There would be economy of labour for the teacher, the spirit of emulation could not fail to improve the work, and if the examples were changed periodically it would not be possible for a student to dawdle for months over a single drawing.

I would have elementary modelling taught after very little drawing. Very simple appliances and the ordinary fittings will suffice for this in the early stages, and modifications in the system of payments in this kind of work are now being made which will, I hope, stimulate members and students to undertake it. Heretofore very little has been done, because the practice of modelling has been less profitable than that of drawing or painting. Our encouragement must therefore be higher.

My experience in France and Germany has not induced me to wish for any important changes in our system beyond that of accepting a rougher kind of work from artizans.

In the advanced stages we may copy with advantage certain methods practised in Germany for stimulating the productions of designs and copies of good works of decorative art. For instance, our students might be encouraged to produce models for metal work, which should be gilded or coloured and mounted at the expense of the schools, as in Bavaria.

Opportunities for the execution of decorative painting might be sought for or created until a demand came from outside, as it would come when architects found such work could be done without the expense of bringing decorative painters from abroad.

By travelling scholarships or otherwise we might have some of our best students sent abroad to make studies of decorative art and measured drawings of buildings, which should belong to the Department. Something of this kind is now under consideration, and we hope to secure as examples some pieces of decorative distemper painting executed by a Munich artist for the principal room of the Nüremburg Exhibition, and which received a grand gold medal.

Our Museum at South Kensington would be more useful to the artificer or student if there was in the building a special room set aside

in which he could make a more thorough study of fine works than he can while they are in the show cases.

In the last issue of the Art Directory provision has been made for the execution of some decorative painting for the national competition, and I hope that both painters and modellers in the training schools may show before long that they are competent to undertake the best kind of decorative work.

The best work executed in our schools in drawing, modelling, and painting, is better than any of the same class we saw in Paris, Saxony, or Bavaria, but there is little of it. There is reason to believe that it will be produced in greater quantity, if the initiative can once be taken by young people who have from their surroundings been led to aim at picture painting and bust making rather than at decorative art.

Help must be given to this end in finding opportunities for the carrying out of successful designs, and prizes should be awarded for works of this kind.

For the rest, I have only to say that our recent experiences in these foreign countries has not led us to the belief that the main scheme or system of art education in this country can be changed with advantage.

MR. BOWLER'S NOTES on the WORKS of the DRESDEN SEMINARY for TRAINING TEACHERS of ELEMENTARY SCHOOLS.

The students attend the seminary from 14 to 20 years of age, following a six years' course. The work of the first class occupies the first year, of the second the second year, and so on.

1st class, or year. Drawing from the flat outlines of ornament elaborately arranged, the forms or grounds being tinted in colour but not shaded. Work neat and complete.

2nd class. Shading from casts in low relief of very simple forms, using the stump, and finishing neatly on paper of about ¼ imperial size.

3rd class. More shading from casts in low relief. Colouring in water-colour from nature, apples, stuffed birds, an organ, &c. (colour not good). Ornament also copied from the flat on a small scale.

The above three classes draw two hours weekly.

4th class. Perspective, using proportional points, of wood blocks of simple form, and tinting the drawing. Also perspective projection of shadows, and reflections worked from specification as far as looking-glass reflections. First studies from nature of houses out of doors, simple and neat in treatment. These copies from coloured ornament.

5th class. Geometrical figures drawn freehand from flat copies, and consisting of frets, scrolls, guilloches, fancy combinations, cube patterns, and finally a Persian plate, all copied from the flat; all carefully and neatly done.

6th class. Orthographic projection of solids and development of surfaces.

At the end of the course the student passes an examination in drawing in a closed room, and, it is said, cannot fail to pass.

After all these years the tinting was not very good, but the drawing throughout of those picked specimens shown to us was accurate and complete.

Appendix A.

MINUTES AND CORRESPONDENCE.

REPORT upon the "EXPOSITION RÉTROSPECTIVE" of the "UNION CENTRALE DES ARTS DÉCORATIFS" exhibited in the PALAIS DE L'INDUSTRIE, 1882.

I beg leave to submit the following notes upon the "Exposition Rétrospective" of 1882, organised by the Union Centrale des Arts Décoratifs. The collection is shown in courts upon the gallery floor of the northern side of the Palais de l'Industrie in the Champs Elysées. It may perhaps be broadly divided into two sections. The first, occupying five courts, is contributed by the Mobilier National, the second, occuping perhaps four times this amount of space, is contributed by various private owners and dealers. At least twelve classes of work are represented, namely: (1) tapestries; (2) embroideries; (3) laces; (4) woven fabrics; (5) carvings in wood and (6) metal; (7) inlays of wood and (8) metals; (9) prints from early wood blocks; (10) from metal plates; (11) lithographs; (12) illuminated missals.

The contributions from the "Mobilier National" consist of furniture and fittings from the palaces of France. They are arranged by periods beginning with Louis XIV. and ending with the first Napoleon. The five courts or saloons devoted to them present the appearance of most richly furnished show rooms. Tapestries after designs by Le Brun, Mignard, Boucher, Audran, Leprince, and Coypel, of subjects such as Louis XIV. at Douai and Dunkirk, the seasons, poetical and mythological episodes, adventures of Don Quixote, "Fructus Belli" after Giulio Romano, made at Gobelins and Beauvais, cover the walls. Large carpets from the manufactory of the Savonnerie are placed in the centres of some of the rooms. Upon them and along the walls are cabinets, desks, drawers, console tables, chairs, great clocks, candelabra, &c., made by Reisener, Boulle, Leleu, Levasseur, Jacob, Boulard, Thomire, Gouthière, and others. Great state bedsteads carved and gilt and hung with silks and satins, embroidered with chenille and silks and gimp, are central objects in four of the rooms. The photographs (Nos. 1 to 9), I think, convey a better idea of the general aspect of this extraordinary display of sumptuous furniture than any written descriptions I could submit. The transition from the garlanded, curved forms, "écaillage," &c., of the Louis XIV. to XVI. periods, to the pseudoclassic style of the first empire was striking.

To some extent the furniture and hangings lent by private individuals have as far as possible been similarly arranged; but many other objects of a miscellaneous character, in many instances, require glass cases for protection, so that altogether this division of the Exhibition is less attractive in appearance than the former. The comparatively short time for arranging the objects after their receipt probably prevented a technical or scientific classification from being attempted. A sort of chronological order is adopted, and the rooms are labelled with the date of the century in which the majority of objects shown in them may have been produced. The three broad divisions of woodwork, textiles, and paper are not very closely adhered to. There are objects which do not come into any one of these divisions. The quantity of objects displayed is almost overwhelming. The catalogues of the three divisions (1) the Mobilier National; (2) woodwork and textiles; and (3) paper, are fairly complete as inventories, excepting perhaps in the section of the Mobilier National and in those parts relating to loans from South Kensington, and to many collections of books and prints lent by collectors where the entries take the form of those in a catalogue raisonné. In such sections full and useful information is given. The instructive value of the Exhibition does not seem to have been a first

consideration in its formation. The catalogue sometimes failed in its purpose, since reference numbers were missing from the objects. I think the Exhibition would have gained in all ways had the objects been subjected to some process of selection beforehand. As it stands, many objects seem to show in duplicate and triplicate even the same style of design and method of work. This may perhaps be thought to be hypercriticism. The Union Centrale however is virtually a private association of manufacturers, tradespeople, amateurs, and dealers, whose first object naturally is to make their exhibitions pay. A formal and museum-like treatment may not in such circumstances be advisable even if feasible; a popular feature is no doubt the main portion of the Palais which is given up to a Crystal Palace display of modern goods, with bands, refreshments, flowers, and so made agreeable as a lounge and rendezvous. A great lottery is being subscribed to on behalf of the Union Centrale. The association is necessarily commercial in organisation. It has nevertheless made some progress towards forming a permanent museum of "decorative art," which it is thought may become a South Kensington Museum for Paris. At present this museum seems to me to be an humble counterpart of what I believe the State is doing on an extensive scale by its Historical Collection of Sculpture at the Trocadero, and also by the various divisions of the Louvre Collections.

My notes upon the "Exposition Rétrospective" are made in respect of the classes of work previously mentioned. I selected objects which, compared with similar objects in the South Kensington Museum, seemed to be interesting on account of their workmanship, design, or historic importance. I endeavoured to obtain photographs of these objects, and some are appended to this report. The majority of owners to whom I applied gave permission for photographs to be made of their contributions.

The possessions of the "Mobilier National" being perhaps more or less always available for consultation were less closely examined by me than those of private individuals. At the same time I noted a few objects which if procurable on loan from the French Government might, I think, prove valuable for study in comparison say, with similar works in the Jones bequest.

The particular series of works in the "Collection Rétrospective" which struck me as predominating in interest for the South Kensington Museum was that of tapestries, especially those belonging to private owners. Putting aside those of the Mobilier National which from some points of view are of interest, although quâ design, they are but reflections of a limited and rather recent period of pictorial and decorative art, I selected specimens of earlier periods. Were such to be carefully reproduced by helio-gravure or chromo-lithography, they would, I think, form a valuable volume of reference for designers, students, and others, besides permanently recording a number of works whose quality hardly improves with age. Messrs. Morel et Cie, the well known publishers, have promised to submit estimates for the production of the tapestry designs selected.

The Musée de Lyon lends a fragment nearly a metre square of what is believed to be the most ancient specimen known of the art of working tapestry upon vertical threads (haute lisse). The ornament of the main portion consists of circular panels or roundels in which appear the Eagle and the Bull (? apostolical emblems). The border is of interlacing bands with heads introduced somewhat in the style of 10th and 12th century scrolls to be seen in Celtic missals, Anglo Saxon fibulæ, Scandinavian carvings, &c. It appears that this unique specimen was preserved at the church of St. Gereon at Cologne. The authorities at Lyons call it Oriental of the 11th century. I found amongst the loans from South

Appendix A. MINUTES AND CORRESPONDENCE.

Kensington near at hand, a bit of the border of this tapestry (No. 8241—'63) which was in the collection of textiles acquired from Dr. Bock of Aix-la-Chapelle. This bit is called Sicilian of the 12th century.*

Monsieur E. Lowengard, No. 26, Rue Buffault, Paris, is the owner of many large and well preserved tapestries. I noted five of his which seemed to me to represent phases in tapestry design. Nos. 7 and 8 (p. 130 of the Catalogue) are tapestries of the 15th century without borders. No. 8 is of a tournament in which the principal figures are almost life size, whilst the colouring is of a low tone of blues, greys, and browns. The name of one knight I distinguished, worked into the tapestry in Gothic letters is "perleus."† No. 7 contains more figures and incidents. It is nearly twelve feet square. At the top is a legend of which I made out "Le roy retourne en Macedoyne reçoit la fille laureole, En avant luye, chascun luye Faict honneur et . . . (?). Alice retourne aux palhous (?) d'amour, rescypte a elle Deux lettres par le viateur et elle luye faict reponse." In the left upper distance is a towered and walled town entitled "la ville de luze," on the right and nearer to the foreground is the castle showing the interior of an upper room, where the "viateur" is presenting a letter to Alice. On the tower of this castle is the title "La ville Macedoyne." In the foreground, making the chief group on the tapestry, are a number of ladies and nobles in rich costumes, a queen (?) with crown on her head is advancing to embrace another lady; the assembly is being held in a walled-in garden. Another tapestry similar in style but different in design and incident is that entitled "le Prince de Malice," lent by M. Brossard of Lyons (Director of the Industrial Museum). This is distinctly Gothic in feeling, more so perhaps than the the two previously mentioned. The "Prince de Malice" sits on his throne under a canopy: to right and left are his courtiers, "Avarice" and "Orgeuil," "Flaterie," "Gloutonné," "Peur" "Male bouche," and others. Outside beyond the court house are castellated towers upon which appear women typical of "Sobriety," "Chastity," with attendant knights in armour, "Charity," and others. The colours are fairly bright and the designs on the different costumes clearly marked.‡ The next two tapestries which I noted are larger and richer than any of those mentioned. They are respectively Nos. 9 and 10 (bis) each some 24 ft. long by 13 ft. 6 in. high. The subjects depicted are from the "Triumphs" of Petrarch. 9, represents the "Triumph of Chastity," 10 (bis) the "Triumph of Fame." These very fine tapestries are set in borders, along which are numerous labels containing legends. The "Triumph of Chastity" is dated "1507." An early illustrated edition of the Canzonieri and Trionfi de Petrarca, written some hundred years previously was issued towards the end of the 15th century. In each tapestry appear nearly two hundred figures. Costumes, figured with designs of that style which is so frequently seen in the cut velvets and cloth of gold and velvet of Genoa and Venice in the 15th century, are represented rich in detail and colour. The allegorical figures are borne in triumph upon highly ornamental cars, and no pains have been spared to give gorgeousness of effect to the compositions. They probably give an insight into the resplendent processional pageants which were in vogue in the 15th century under the auspices of powerful and wealthy noblemen and guilds. In the "Triumph of Fame," Atropos on the left is falling from a seat as a winged figure of fame blows a trumpet at her. Just below is the chariot, in which Clotho is asleep drawn by four

* In a few of the larger works upon tapestry which I have consulted in the Art Library I do not find mention of this curious specimen of 11th century tapestry.

† This is rather in the style of some of the tapestries of Nancy (*see* M. Jubinal's work on the History of Tapestry).

‡ "Moralities," as they were called, were written during the 15th and 16th centuries, and the design for this tapestry was evidently inspired by a "morality." It is now on loan at the South Kensington Museum.

fabulous buffaloes or oxen, Lachesis fallen asleep is being crushed under the wheel of this chariot, which also threatens a sleeping pope. Then comes a crowd, men and women, in handsome costumes and head dresses, knights fully equipped—jewelled and golden panoplies. An Emperor and Empress in state, ride near a second figure of fame. This figure is mounted upon a pedestal below which is a second figure of Atropos seated. These two are in a decorated car drawn by four elephants, heavily caparisoned. Beyond in the crowd is a 15th century knight named "Pompée le Grand." The design displays a fecundity of resource and inventiveness similar to such as one traces in designs by Andrea Mantegna and his school;* see also the processions in Polyphilo's Dream (1499).

Of a totally different style, and altogether less elaborate, but in its way equally characteristic as a phase of tapestry design, are the series of "Tapisseries, Renaissance-Française," in which are given scenes of pastoral and village life, "Rabelaisian," in fancy. I noted No. 15 as representative of this series. It is about 9 ft. by 10½ feet. The border is made up of garlands of flowers and pendent bunches of fruit and foliage. The incidents depicted take place in a field or orchard. A dance is going on, and the peasants hand in hand are shown across the tapestry. Above them are legends. The tapestry is said to be one of the series commemorating the "Accordailles de Gombault." The lettering is in capitals. Above the figure of a woman stooping to tie her garter is "GOMBAVLT. IE. TE. SECOVRIER. NE. TE. HASTE. PAS. DE. COVRIER. ATTENS. MOY. JE. RELYE, MA. CHAVSSE,"† Possibly contemporary with such bourgeois scenes (precursors of those more pictorially treated by Teniers), are the "tapisserie au petit point," a work of cross and tent stitch on canvas. Of such I selected one said to represent "Henry II. et sa cour" belonging to Madame la Baronne de Hoffmann, 5, Rue de Tilsit. Of later and less formally designed works is a set of tapestries from Lille, made and signed by the well known tapestry maker Guillaume Werniers. The subjects are from pictures by Teniers, and I selected No. 11 from the collection lent by Monsieur Tollin, 146, Avenue du Trocadero.

To represent the gorgeous tapestries of sacred subjects which were frequently wrought with gold, silver, and silken threads, intermixed with the woollen threads, and designed with all the care for details which is notable in missal illuminations, I chose No 2, belonging to M. Moreno Tomas of Madrid (care of M. Lopez, No. 9, Rue Cadet, Paris), in which are depicted incidents of Christ's Passion, the foremost being Christ before Pilate, and Pilate washing his hands of the blame of pronouncing sentence upon Him: and a piece belonging to M. Egger of Vienna (No. 16, Rue Taitbout), of the woman brought before Christ and accused of adultery.

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* As far as I could judge these two tapestries seemed to be equal in importance with the "Tapisserie de Rheims," (*see* M. Jubinal's volume containing illustrations of these latter in Art Library). One of the Tapestries of Petrarch's Triumphs, the Triumph of Divinity (?), is said to be in the Cathedral at Rheims. A fourth, namely, the Triumph of Death is now at the South Kensington Museum. To complete the series there should be Triumphs of Time and Love. At Hampton Court Palace in the withdrawing room of the Banqueting Hall, there are tapestries of the Triumphs of Time, Fame, and Death. The borders of them consist of sprays of rose leaves and blossoms set in well marked rectangular panels. But the Tapestries are in bad condition, smoke and dirt have degraded them, in some parts defacing sections of the incidents depicted. They are also cut and torn. Since this note was written the South Kensington Museum has purchased from M. Lowengard, the Triumphs of Fame, Chastity, and Death.

† The legend of Gombault et Macé is stated in the "Histoire Générale de la Tapisserie" (Art Library) by Messrs. Guiffery, Muntz, and Pinchard, to date from the time of Charles VIII. or Louis XII. Its popularity does not seem to have commenced till towards the end of the 16th century. In l'Avare, Act II., Scene I., Lafleche speaks of "Une tenture de tapisserie des Amours de Gombault et Macé."

Amongst the embroideries there were a few important specimens, especially those of pictures carefully worked in coloured silks upon gold threads. This method generally used in conjunction with pure embroidery, is technically allied to tapestry work. The Museum already possesses specimens. None, I think, so fully illustrates this class of design and work as M. Hochon's three examples. Nos. 4, "Dos de "Chasuble broderie velours rouge, broderie d'or," with panels showing the Presentation in the Temple, the Flight into Egypt, and the Baptism. No. 5. Hanging for a pulpit with a panel of Christ walking on the water. No. 6. Front of a Dalmatic with a panel of the Adoration of the Magi. Besides these I chose No. 8, the cross of a chasuble, "tissu de Cologne," of remarkably careful embroidery. It is similar to No. 8704—'63, Flemish, in the Museum collection, but is, I think, superior in quality. It is embroidered with the name of the donor? "Johan van Overroide" above which is a figure of S. Laurenz (?). A linen napkin embroidered with the figure of woman, unicorn, and stork, with scrolls in red and other thread, was of interest, and bore the date of its production, 1563. It belongs to M. De la Herche (Beauvais L'Oise). Mademoiselle de Bressoles, 34, Rue de l'Université, lends a piece of cross stitch embroidery on canvas, done in yellows, greens, blues, and whites, with a group of nobles and ladies in 16th century costumes, with large lace ruffs and collars.

In the section of woven fabrics I did not note many specimens which seemed to me to be superior or supplemental to those in the Museum. M. de Basilewski gave me permission to have a photograph made of a cloth woven with gold and coloured threads in a trellis work of diamonds each filled with a bird or ornamental forms. The design seemed to me to be useful in giving suggestions in arrangement of such patterns.* A fine specimen of Genoese velvet, "cramoisi boucle d'or," with the "pine apple" motive largely treated, belongs to M. Mannheim, who willingly gave permission for this specimen to be photographed. The contributions from the Musée de Lyon, and the Musée Impérial de Buda Pesth, did not appear to be very remarkable. I hope to get photographs of specimens lent by Messrs. Tassinari et Chatel, 5, Rue Louis le Grand, namely, No. 5, a silken cloth woven with an ingeniously fitting pattern in which lions are introduced, the colours are brilliant green, white, red, and yellow. Nos. 40 and 42. Fine bits of crimson velvets with cloth of gold, Venetian, XVth century, and No. 60, a Persian velvet with eyes of peacocks' feathers woven in silks.

As regards lace, I noted a beautifully worked collar of "Rose" point, and a fine cradle curtain or cover of "Point d'Alençon," belonging to M. Germain Bapst, who gave me leave to have them photographed. I also noted, as worth photographing, two sets of flounces of Brussels "vrai réseau," with pattern of garlands, bouquets, trophies, fountains, &c., done in "appliqué." These are lent by M. Calmettes, 17, Rue de l'Argonne, á la Villette. South Kensington Museum lent no laces. A small collection arranged to show the developement of the work and design might, I thought, have been of use perhaps, where, as I have remarked, precise ideas as to arrangement did not seem to obtain.

In the section of wood carvings, of which there are a great number, there seemed to be nothing of supreme interest. M. Boy, 37, Rue Pigalle, exhibits two small works with much detail in them. No 1. A "Maquette," in wood, carved by Bachelier of Toulouse, reproducing a monument erected in the Cathedral de Rodez,† and No 2. a German triptych,

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* The photograph is not successful.

† Of Bachelier's work, the Museum is considered to have two large specimens in 690 and 691 which were bought out of the Soulages Collection.

containing incidents in the life of St. Hubert, a number of small undercut figures grouped beneath a decorated Gothic canopy. Each of these works is about 20 to 24 inches in height. A circular cinque cento processional monstrance with Virgin and Child placed in a fluted disc, with an escutcheon below the figures, is lent by Signor Castellani. The carving is painted. Near to this were a pair of stalls of the Italian Renaissance, one dated 1537, and each with a different escutcheon and variety of scroll work, lent by M. Charles Ephrussi, 81, Rue de Monceau, M. Ephrussi was kind enough to tell me that he considered the style of design to be that of the "École de Fontainebleau." M. Mannheim, 7, Rue St. Georges, exhibits two pairs of doors made up of Gothic tracery set in circles, which seemed to me to be good examples of this class of work. Two important Gothic "retables" of the early 16th century, carved with many groups of figures to represent scenes from the New Testament, are shown by M. le Comte Pillet Will, 12, Rue Moncey. No 2, in which appear the Nativity, the Adoration of the Magi, and the Circumcision, surmounted by a group of angels around the Virgin, might perhaps be thought of sufficient merit to be reproduced in a plaster cast.

An exceptional piece of carving in ivory (a work really outside this year's Exhibition and belonging to the Exhibition of 1884, when ivories and porcelains are to be shown) is the forepart of a saddle said to have belonged to James II. (Son of Peter III. of Aragon). It belongs to M. Strauss, 44 Chaussée d'Antin. I am sorry to say that M. Strauss will not allow a photograph to be made of it. It is reported that M. Strauss would not be unwilling to sell this remarkable work. He asks, I believe, over 6,000*l.* for it. Beneath the pommel is the spread eagle. The Knights, one on each side, are on steeds prancing towards one another. A minutely carved border of scroll work incloses the composition. In the scrolls are figures of centaurs, a bear, soldiers, two wrestlers, an eagle with a sheep in its claws, an ox, a goat and a lion, cranes, a unicorn, herds, men playing long trumpets (like those used at present in the Alps), bulls, knights in armour, a knight spearing a boar, an archer shooting a bird, &c. The arms of Sicily and Aragon appear twice in the ornament. James II. (its reputed former proprietor) was crowned king of Sicily in 1286, and king of Aragon in 1294. He died in 1327. If it were possible to obtain a cast (? by gelatine process) of this 13th century carving, I believe it would be an important addition to the Museum's historic series of ivories.

The Mobilier National has many pieces of inlaid wood work, and of carved metal, applied to furniture, &c. Of some I procured photographs. The capo d'opera of J. H. Reisener is thought to be No. 135 (*see* photograph), a flat desk, the top of which is inlaid in various woods with allegorical figures of astronomy and geography with a sphere between them, garlands and flowers about them. Fire dogs such as Nos. 102 (*see* photograph), and Nos. 242 to 248, show skill in modelling and metal carving, and reproductions of one or two might perhaps be thought to be desirable. Again, a candelabrum No. 140 (*see* photo), and No. 230, a pair of wall candelabra or branches, signed Thomire 1785, seemed to be elegantly designed and worked, especially No. 230, of which no photograph has been made. Then again, a delightful design is shown in No. 249 (a serpentine marble vase), the mounting of which is by Gouthière; Nos. 83, 146, and 218 (*see* photos) show clock cases No. 218, produced by B. Lieutaud towards the end of last century. These objects appeared to me as especially available for loan, being fairly easy of transport, if the French Government would consent. They belong to a class not much represented in the Jones bequest.

Of marquetry work belonging to private lenders, I noted a pair of doors of the late 15th century formerly belonging to the Dukes of Urbino at Gubbio. They belong to M. Castellani who has given permission for photographs to be made of them. Two panels of inlaid wood work (intarsiatura) lent by M. Eugène Piot (No. 28, Rue St. Fiacre) are similar in style to, but perhaps more important than, No. 150—1878 in the Museum. M. Piot's panels represent cupboards with grills thrown open. In one are a processional cross, a mitre, an hour glass, a scull, a canopy, a censer, a holy water brush or benitier, and a box of tapers. In the other there are a sphere, a square and quadrant, an open book, a viol and bow, and a lute. A third and companion panel at M. Piot's house contains a minutely worked marquetry of a well feathered cock. On the back of this panel is an inscription upon a piece of paper to the effect that the three panels were made by a monk, Vincenzo delle Vacche, having come from stalls in the suppressed church of S. Benedetto Novello at Padua (?), and that they are mentioned in Brandolese's book upon the painters and sculptors of Padua.*

I may perhaps here mention that at M. Piot's house I saw a number of small and very graceful Grecian terra-cotta figures and vases, Cypriotic terra-cottas, some antique bronzes, a very fine fragment of an armed warrior's leg from a Grecian bronze statue of the best period, a pair of nearly life-sized boys as winged cupids in bronze, attributed to Donatello, a large bronze bowl of the late 15th century (?) Milanese work, and a pair of bronze medallions, evidently two of the series attributed to Sperandio,† of the labours of Hercules. They are of the same dimensions as those lately bought by the Museum for 1,000*l.* each. M. Piot seemed to think that the Museum should purchase his, which respectively represent Hercules and the Hydra, and Hercules with the Lion. He says his are finer than those in the Museum. They do not seem to me to add to the technical or artistic information to be derived from those already in the Museum. For the sentiment of possessing the series, perhaps M. Piot might not be unwilling to allow the Museum to make electrotypes or coloured photographic reproductions of his in return for which the Museum might offer him reproductions of ours.

Returning to the Exhibition, I made but a very hasty inspection of the great collection of early impressions from wood blocks, engravings, rare books, &c. There were a number of finely preserved copies of pattern books of the 16th century. As indicating how artificers at that time were supplied with patterns made by clever designers, as well as for showing what I believe are good designs of ornament, it occurred to me whether a loan Exhibition of pattern books (for engraving on metal, for bookbinding, for embroidery, for lace making, &c.) might not be usefully carried out at South Kensington. It would take up but little room.

ALAN S. COLE.

24th October 1882.

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* I have only been able to find the following which may relate to these panels, at page 163, in reference to S. Benedetto Novello, "nella capella maggiore il sedile a destra lavorata maestevolmente di tarsia e di mano di Fra Vincenzo delle Vacche-Veronesse Monaco Olivetano."

† There are some roundels of carved marble (by Donatello) in the Riccardi Palace at Florence, the design of which is similar to that of these bronzes.

The Photographs accompanying this report have been deposited in the National Art Library.

CORRESPONDENCE relating to the NEW MUSEUM BUILDINGS at DUBLIN.

1.—MR. H. B. WHITE to the SECRETARY, SCIENCE AND ART DEPARTMENT.

Science and Art Museum, Dublin,
Leinster House, 14th November 1882.

SIR,

I BEG to forward you the enclosed copy of Resolutions passed by the Board of Visitors at their meeting yesterday in reference to the plans for the new Museum.

I am, &c.
(Signed) H. B. WHITE,
Chief Clerk.

(ENCLOSURE.)

COPY of Resolution passed by the Board of Visitors at their Meeting on the 13th November 1882.

It appearing that Mr. Courtney had stated in the House of Commons that the plans for the proposed buildings in Kildare Place had been laid informally before the Visitors, they desire to state that those plans have not in any manner, or at any time, been laid before them formally or informally.

Resolved, that Mr. C. Uniacke Townshend be authorised to communicate a copy of the above Resolution to Mr. Courtney and the City of Dublin members, Dr. Lyons and Mr. Maurice Brooks.

2.—SIR F. R. SANDFORD, K.C.B., to MR. H. B. WHITE.

Education Office, 1st December 1882.

SIR,

I AM directed to inform you that the Resolution adopted by the Board of Visitors on the 13th ultimo with reference to Mr. Courtney's statement in the House of Commons that sketch designs, showing how the two sites for the new Museum might be occupied, had been prepared and sent to Dublin, and that the Visitors of the Museum were consulted informally, has been under the consideration of the Lords of the Committee of Council on Education.

I am to request you will point out to the Visitors that it appears from the records in the office in Dublin that the then Board, consisting of the Duke of Leinster, Lord Rosse, Sir R. Kane, Sir C. Lanyon, Sir S. Ferguson, the Rev J. H. Jellett, the Rev. Dr. Molloy, Professor Reynolds, Mr. C. U. Townshend, Professor Wright, and Lord Powerscourt, were summoned on the 9th October 1880, for a meeting with the Lord President on Wednesday, the 13th October. From a letter addressed at the time to Lord Spencer by Sir T. Jones, it appears that he also had been summoned. The meeting did take place, as stated in the 28th Report of the Science and Art Department, p. xxiii, and though no record of the proceedings was kept, the meeting being informal, many of the Visitors were present, and the question of site was discussed, with the aid of the sketch plans and elevations which had been prepared.

I am also to request that you will inform the Visitors that my Lords are greatly surprised at the course the Visitors have taken in the matter in authorising Mr. C. Uniacke Townshend to communicate a copy of their Resolution to Mr. Courtney and the city of Dublin members, before it had even been brought to their Lordships' knowledge.

I am, &c.
(Signed) F. R. SANDFORD.

Appendix A.

MINUTES AND CORRESPONDENCE.

3.—MR. ROBERT ATKINSON to the RIGHT HON. A. J. MUNDELLA, M.P.

Royal Irish Academy, 19 Dawson Street, Dublin,
20th November 1882.

SIR,

I AM directed by the Council of the Royal Irish Academy to transmit to you a copy of the Resolution herewith enclosed, and respectfully to express to you their strong dissatisfaction against the course adopted in respect of the plans for the New Museum of Science and Art in Dublin in the omission of all communication with the Visitors appointed by the Academy, and of all information enabling them to ascertain that proper accommodation will be afforded for their collections as provided by the agreement of March 1877; and further to communicate to you their request that the final decision as to the site and plan to be adopted be postponed until the Academy have had an opportunity of expressing their opinion on the subject.

I am, &c.
(Signed) ROBERT ATKINSON,
Secretary of the Council.

(ENCLOSURE.)

Royal Irish Academy, 19 Dawson Street, Dublin.

COPY of Resolution passed by the Council of the Royal Irish Academy, 20th November 1882.

"That a Committee consisting of the officers of the Academy, Dr. Frazer, Mr. Garstin, and Mr. Pigot, be appointed to examine the proposed site and plans of the New Museum of Science and Art in Dublin, and to report to the Council thereon at adjourned meeting to be held on Monday next."

4.—MR. R. G. C. HAMILTON to the SECRETARY, SCIENCE AND ART DEPARTMENT.

Chief Secretary's Office, Dublin Castle,
23rd November 1882.

SIR,

See No. 3.

I AM directed by the Lord Lieutenant to transmit to you, to be laid before the Committee of Council on Education, for their consideration, the accompanying copy of a letter and its enclosure, relating to the proposed site and plans for the New Museum of Science and Art in Dublin.

I am, &c.
(Signed) R. G. C. HAMILTON.

5.—SIR F. R. SANDFORD, K.C.B., TO MR. R. G. C. HAMILTON.

Education Department, Whitehall, S.W.,
28th November 1882.

SIR,

I AM directed to inform you that Mr. R. Atkinson's letter to his Excellency the Lord Lieutenant of Ireland of the 20th November with its enclosure—copy of a Resolution of the Royal Irish Academy of that day's date—has, in accordance with Lord Spencer's desire, been laid before the Lords of the Committee of Council on Education.

Their Lordships desire me to request that you will remind his Excellency that the course adopted by the Board of Works in Dublin with regard to the preliminary steps for the building of the new Science and Art Museum were such as are usually taken when new public buildings are to be erected in this country.

Great objection having been taken to the site on Leinster Lawn, the Government were reluctantly compelled to adopt the only other site available, unless more land was purchased, a proceeding which, under the circumstances, was considered wholly unjustifiable. Competitive designs for building on this site were obtained and a Committee of selection was appointed. The President of the Royal Irish Academy, one of the Visitors named by that society, was made a member of this Committee, one other member of the Committee being a Fellow of the Academy.

The five selected designs have been, it is understood, publicly exhibited in Dublin, and all persons interested have had an opportunity of expressing their opinions before the Government finally decide on the architect to be employed.

With reference to the question of the alternative sites, it should be noted that an informal meeting of the Visitors was called to meet Lord Spencer at Leinster House on the 13th October 1880, and that sketch designs had been prepared in this Department to enable a better judgment to be formed on the subject.

With reference to the question of accommodation, it appears to my Lords that the letters which were written to the Academy at the end of last year, and of which copies are appended, should set any question of sufficiency at rest.

I have, &c.
(Signed) F. R. SANDFORD.

ENCLOSURE No. I.

MR. G. F. DUNCOMBE to the SECRETARY of the ROYAL IRISH ACADEMY.

Science and Art Department, London, S.W.,
SIR, 19th November 1881.

ADVERTING to Mr. Close's letter of the 21st September on the subject of the space proposed to be alloted for the collections of the Royal Irish Academy, in the new Museum of Science and Art, Dublin, I am directed by the Lords of the Committee of Council on Education to acquaint you that this Department having communicated with the Dublin office of Public Works, it appears that the mention in the architect's instructions of 1,500 square feet for the Royal Irish Academy was only an approximate amount. It was never intended that the competing architects should definitely allocate spaces for each of the purposes named.

I am to add that there is no wish or intention to unduly limit the space that may be required for the collections of the Royal Irish Academy.

I have, &c.
(Signed) G. F. DUNCOMBE.

ENCLOSURE No. II.

MR. G. F. DUNCOMBE to the SECRETARY of the ROYAL IRISH ACADEMY.

Science and Art Department, London, S.W.,
SIR, 2nd December 1881.

IN reply to your letter of the 28th ultimo, I am directed by the Lords of the Committee of Council on Education to inform you that their Lordships regret that it is not possible for them, at the present time, to state precisely the number of square feet in the proposed Museum of Science and Art, which will be allotted to the collections of the Royal Irish Academy.

I am to point out that any statement on the subject would be illusory until the design of the new building has been decided on. The amount of floor area required must largely depend on the nature of the rooms whether top lighted or side lighted.

As the general scheme for the Museum proposes to provide 50,000 square feet of exhibiting area for the Art and Industrial collections, there should be no difficulty in appropriating a sufficient amount for the valuable collections of the Royal Irish Academy when the time arrives for making the allocation.

I am, &c.
(Signed) G. F. DUNCOMBE.

6.—MR. ROBERT ATKINSON to the RIGHT HON. A. J. MUNDELLA, M.P.

Royal Irish Academy, 19 Dawson Street, Dublin,
SIR, 28th November 1882.

I AM directed to forward to you a copy of the Report of the Committee appointed by the Council of the Royal Irish Academy to examine the site

Appendix A. — Minutes and Correspondence.

and plans of the proposed New Museum building, which Report was unanimously adopted by the Council on the 27th instant.

I am, &c.

(Signed) Robert Atkinson,
Secretary of Council.

(Enclosure.)

Report of Committee appointed to examine site and plans of proposed New Museum.

1. Into detailed criticism of the plans exhibited, the Committee do not deem it right to enter, but they feel bound to express their opinion that these plans are not suitable for the exhibition of the Academy's collections.

2. The restriction of the site renders it difficult, if not impossible (1) to afford means for suitable exhibition in properly lighted rooms, and (2) to give proper means of access to the part of the building, which, so far as could be inferred from the plans, could be allotted to the Academy; and this restriction does not seem to be based on any necessity, as ample space could be obtained in the adjoining premises.

3. But in addition to this objection, the Committee cannot but express their serious regret that neither the Academy, nor the Board of Visitors, which includes representatives specially appointed by the Academy, have been consulted in reference to this important matter. The Academy have not even been favoured with distinct information as to either the amount or the disposition of space to be allocated to them, so that they are not in a position to judge whether, even were the plans perfectly unexceptionable on other grounds, the space is sufficient in extent, in convenience or suitability for lighting, and arrangement.

4. In fact the Committee feel strongly that the assent of the Academy ought not be given to the removal of their collection unless such information be afforded to them as will enable them to judge whether the conditions of "fit and proper accommodation" as agreed to in the letter of February 8, 1877 * have been fully complied with.

5. In conclusion the Committee would draw attention to the letter of November 19, 1881, † in which it is stated that "there is no wish or intention "to unduly limit the space that may be required for the collections of the "Royal Irish Academy," and they would urge that a generous and liberal interpretation should be given to those words, and that the wishes of the Academy should meet with due consideration in a matter of such national importance as the suitable maintenance and preservation of these invaluable collections.

7.—The Right Hon. A. J. Mundella, M.P., to Mr. Robert Atkinson.

Education Department, Whitehall, S.W.,
28th November, 1882.

Sir,

In reply to your letter of the 20th November, I can only state that I am most anxious to secure suitable and sufficient accommodation for the display of the valuable collections of the Royal Irish Academy. This matter has hitherto been mainly dealt with by Earl Spencer, whose great interest in bringing it to a satisfactory solution led him to pay a personal visit to Dublin in the Autumn of 1880, when, at an informal meeting of the Visitors held on the 13th October, the alternative sites of Leinster Lawn and Kildare Street were fully discussed, sketch designs to show how the two sites might be occupied having been previously prepared in the Science and Art Department to enable some estimate to be formed of their relative advantages.

In consequence of the strong objection to the Leinster Lawn site, the Government took the only other available one, and competitive designs for its occupation were obtained by the Board of Works.

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* Lord Sandon to Secretary to the Treasury (should be February 9, 1876).
† Mr. Duncombe to Secretary, Royal Irish Academy.

By the correspondence which took place in the Autumn of 1881, the Royal Irish Academy were assured that when the time arrived for allocating the space in the new building, the requirements of their collections would be fully met, and I am satisfied that any one of the selected designs would give ample space for the purpose.

As the President of the Academy and one of its Fellows were Members of the Committee of Selection, the interests of the Academy can scarcely have been overlooked. If, however, the Academy have any doubts on this subject, I would suggest that advantage should be taken of the residence of Lord Spencer in Dublin in his present high position to secure a renewal of his personal interest in the matter. I feel sure that his Excellency would listen attentively to any representations which your Council might make to him on the proposals of the Government.

I need not, I hope, assure you that I shall be most happy if, after hearing from Lord Spencer on the subject, we can come to any decision which will be satisfactory to so important a body as the Royal Irish Academy.

I have, &c.

(Signed) A. J. MUNDELLA.

8.—Messrs. J. P. VEREKER, A. WEBB, and JOHN BEVERIDGE, to the Right Hon. A. J. MUNDELLA, M.P.

Mansion House, Dublin,
30th November 1882.

SIR,

WE have the honour to inform you that on the 25th instant a public meeting of the citizens of Dublin, convened by the Right Hon. the Lord Mayor, was held here relative to the proposed Science and Art Museum and National Library for Ireland, plans for buildings of which have been for some days on view; and we beg to transmit for your information copies of Resolutions unanimously adopted condemning the plans for the Science and Art Museum as unsuitable and the site as insufficient, and recommending that revised specifications should be prepared and fresh plans invited under the superintendence of a representative Irish Committee; and also declaring that in order to command the confidence and support of the Irish public and efficiently to discharge its functions, the proposed institution should be, in the words of Mr. Ward Hunt, made in reply to a deputation that waited on him on the 26th March 1868, as reported in the "Times" of the following day—"under the direction of Irish management—a sister to, but not subordinate "to, the English institution," and that if controlled by South Kensington it will not carry out its objects.

We trust that these Resolutions will commend themselves to your sympathy and support.

We have, &c.

(Signed) JOHN P. VEREKER,
ALFRED WEBB,
JOHN BEVERIDGE,
Hon. Secretaries.

ENCLOSURE.

NEW SCIENCE AND ART MUSEUM and NATIONAL LIBRARY for IRELAND.

RESOLUTIONS passed at a Public Meeting of the citizens of Dublin, held at the Mansion House, 25th November 1882.

On the motion of Maurice Brooks, M.P., seconded by Sir William Carroll, the chair was taken by

The Right Hon. the Lord Mayor.

On the motion of the High Sheriff, M.P., seconded by Thomas Leetch, J.P., T.C., the Hon. John P. Vereker, John Beveridge, and Alfred Webb, were appointed secretaries to the meeting.

I.—Moved by Dr. Lyons, M.P., seconded by George W. Maunsell, D.L., supported by G. J. Stoney, F.R.S., Rev. Gerald Molloy, D.D. (Vice-Rector

Appendix A. — MINUTES AND CORRESPONDENCE.

of the Catholic University), and Rev. Maxwell Close, and passed unanimously :—

"That whilst endorsing and reiterating the opinion of a former meeting of the citizens, that Leinster Lawn should not be interfered with, we are of opinion that the selected plans for the proposed Science and Art Museum are unsuitable and the site insufficient, and that revised specifications should be prepared, and fresh plans invited under the superintendence of a representative Irish committee."

II.—Moved by the Hon. J. P. Vereker, seconded by William Findlater, M.P., and passed unanimously :—

"That we are of opinion that in order to command the confidence and support of the Irish public and efficiently to discharge its functions, the proposed Institution should, as originally contemplated, be under independent Irish control and management, sister to, but not subordinate to, South Kensington, and that, if controlled by South Kensington, it will not carry out its objects."

III.—Moved by the High-Sheriff, M.P., seconded by Dr. Lyons, M.P., supported by T. M. Healy, M.P., and passed unanimously :—

"That copies of the foregoing resolutions be forwarded to the Premier, the Lord Lieutenant, the Chief Secretary, and the Vice-President of the Council; that the Irish Members of Parliament be requested to bring the subject under the attention of Parliament; that the Municipal Council be requested to appoint a committee to endeavour to enforce the views of this meeting; that the Board of Visitors of the Museum and Trustees of the National Library be requested to use their influence to the same end, and to co-operate with the Corporation Committee, and that the following gentlemen be appointed a Vigilance Committee with the same object :—The Lord Mayor, the High Sheriff, Maurice Brooks, M.P., R. D. Lyons, M.P., The President of the Royal Irish Academy, the President of the Royal Dublin Society, George W. Maunsell, D.L., Hon. J. P. Vereker, Vice-Rector Catholic University (Rev. Dr. Molloy), George Ashlin, C.E., R.H.A., J. L. Robinson, C. E., William Findlater, M.P., G. J. Stoney, and J. M. Healy, M.P.

(Signed) CHARLES DAWSON, M.P., Lord Mayor, Chairman.
JOHN P. VEREKER,
JOHN BEVERIDGE,
ALFRED WEBB,
Secretaries.

9.—THE RIGHT HON. A. J. MUNDELLA, M.P., to MR. ROBERT ATKINSON.

Education Department,
30th November 1882.

SIR,

IN reply to your communication of the 28th instant, I can, at present, only say that my letter of the same date will show that I am quite alive to the claims of the Royal Irish Academy to consideration in regard to the amount and character of the space to be provided for their collections in the New Museum buildings; and I trust that the suggestion which I made in that letter may conduce to a satisfactory solution of the difficulty which has arisen in this matter.

I have, &c.
(Signed) A. J. MUNDELLA.

10.—The Right Hon. A. J. MUNDELLA, M.P., to the Hon. J. P. VEREKER and others.

Education Department, Whitehall,
2nd December 1882.

GENTLEMEN,

I HAVE the honour to acknowledge the receipt of your letter of the 30th November enclosing a copy of Resolutions passed at a public meeting in

Dublin on the 25th ultimo with respect to the proposed Science and Art Museum in that city.

I think that I cannot better answer this communication than by sending you the enclosed copy of a reply* which I have made to representations on the same subject addressed to me by the Royal Irish Academy; and in the hope that we may have the assistance and support of those locally interested in the matter in our endeavours to provide accommodation thoroughly suited for the reception and display of the valuable collections to be brought together in the projected new buildings, I would suggest to your Committee that their views should be submitted to his Excellency the Lord Lieutenant, who is perfectly familiar with all that has already passed, and has shown so much personal interest in the subject.

I shall be very glad if, after communicating with Lord Spencer, we can come to some arrangement which will be satisfactory to those on whose behalf you have appealed to me.

I am, &c.
(Signed) A. J. MUNDELLA.

11.—SIR F. R. SANDFORD to MR. R. G. C. HAMILTON.

Dublin Museum.

Education Department, Whitehall, S.W.,
SIR, 4th December 1882.

I AM directed to forward to you for the information of his Excellency the Lord Lieutenant, the enclosed copy of a letter† dated the 2nd instant, which has been addressed by the Vice-President to Messrs. Vereker, Webb, and Beveridge, the Secretaries appointed at a public meeting held in Dublin on the 25th November 1882.

I have, &c.
(Signed) F. R. SANDFORD.

12.—MR. ROBERT ATKINSON to the RIGHT HON. A. J. MUNDELLA, M.P

Royal Irish Academy, 19, Dawson Street, Dublin,
SIR, December 4, 1882.

I HAVE the honour to acknowledge receipt of your letters of the 28th and 30th ult., in reply to communications from me on behalf of the Council of the Royal Irish Academy.

These letters I laid before the Council at its meeting of to-day, and am instructed to state for your information that at the same time when I addressed to you copies of the Resolutions of Council, I also sent copies to Lord Spencer, and the Council are awaiting his Excellency's reply.

I am, &c.
(Signed) ROBERT ATKINSON.

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13. THE TOWN CLERK OF DUBLIN to the RIGHT HON. A. J. MUNDELLA, M.P.

Mansion House, Dublin,
SIR, 12th December 1882.

I BEG to inform you that your communication of the 2nd instant with regard to the Science and Art Museum, was yesterday brought under notice at a conference held here between a Committee appointed by the Corporation of Dublin and the gentlemen named in the third Resolution passed at the public meeting of citizens held on the 25th ultimo, and I am requested to

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* *See* Mr. Mundella's letter of 28th November 1882 (No. 7).
† The Right Hon. A. J. Mundella to Hon. J. P. Vereker and others (No. 10).

Appendix A. MINUTES AND CORRESPONDENCE.

inform you that the following Resolution was unanimously adopted in reference to your letter :

Resolved, "That this Committee cannot regard the reply of the Vice-President of the Council as satisfactory, inasmuch as it ignores the two main purposes for which the Committee was appointed, viz. : To point out the unsuitability of the plans and the insufficieney of the site, and to press the necessity of having revised specifications prepared and fresh plans invited under the superintendence of a representative Irish Committee, and to endeavour to enforce the following Resolution of the public meeting of the citizens :

"That we are of opinion that in order to command the confidence and support of the Irish public and efficiently to discharge its functions the proposed institution should, as originally contemplated, be under independent Irish control and management, sister to, but not subordinate to, South Kensington, and that if controlled by South Kensington, it will not carry out its objects."

"and that Mr. Mundella be requested to communicate with the Committee on these two subjects, and that he be informed that so soon as his reply is received the Committee will adopt his suggestion, and request his Excellency the Lord Lieutenant to grant them an interview."

I have, &c.
(Signed) JOHN BEVERIDGE, Town Clerk,
Hon. Secretary.

14.—SIR F. R. SANDFORD, K.C.B. to MR. R. G. C. HAMILTON.

Education Department, Whitehall, S.W.
16th December 1882.

SIR,

I AM directed to forward to you, for the information of his Excellency the Lord Lieutenant, the enclosed copy of a letter, dated the 5th instant, and of its enclosures, which my Lords have received from the Science and Art Museum, Dublin.

I have, &c.
(Signed) F. R. SANDFORD.

ENCLOSURE No. 1.

MR. H. B. WHITE, to the SECRETARY, SCIENCE AND ART DEPARTMENT.

Science and Art Museum, Leinster House,
Kildare Street, Dublin, 5th December 1882.

SIR,

IN reply to Sir Francis Sandford's letter of the 1st inst. relative to a Resolution adopted by the Board of Visitors on the 13th ultimo, I beg to inform you that it, as well as a letter from Mr. L. Courtney, M.P., a copy of which is appended, was laid before them at their meeting yesterday, when the annexed Resolution was adopted unanimously.

I am also directed by the Visitors to inform you that copies of their Resolution of yesterday have been transmitted by Mr. Townshend to Mr. L. Courtney and the City of Dublin members, Mr. Brooks and Dr. Lyons.

I am, &c.
(Signed) H. B. WHITE,
Chief Clerk.

ENCLOSURE No. 2.

MR. LEONARD COURTNEY, M.P., to MR. C. U. TOWNSHEND.

17th November 1882.

SIR,

I HAVE received your letter of the 14th instant, and enclosed Resolution of the Visitors of the Dublin Museum.

The authority for my statement to Dr. Lyons, which you impugn, is to be found at page xxiii of the Report of the Science and Art Department presented to Parliament in the year 1881, and the statement was repeated in the House of Commons by Mr. Mundella on the 3rd of March 1881 (Hansard, 3, cclix, page 143).

The authorities of the Science and Art Department adhere to the statement that, on or about the 13th October 1880, the alternative sites for the new museum were considered at an informal meeting of the Visitors with Lord Spencer in Leinster House.

Eleven of the Visitors, including yourself, were summoned to that meeting, and I cannot but think that the Resolution which you enclose was founded upon a misunderstanding, or upon an inaccurate report of my answer to Dr. Lyons. The alternative plan then submitted to you covered precisely the ground on which it has now been decided to build; and as regards subsequent stages of the operations, your body were represented on the Committee of Selection by Lord Powerscourt and Sir Robert Kane, similar positions having also been offered to, and declined by, the Duke of Leinster and Lord Ardilaun.

I beg that you will bring this letter before the Visitors at the earliest opportunity, and I remain,

Yours, &c.
(Signed) LEONARD COURTNEY.

ENCLOSURE No. 3.

COPY of Resolution passed at Meeting of Visitors of Science and Art Museum, held on Monday, 4th December 1882.

It was moved by Sir S. Ferguson and seconded by Lord Powerscourt, and *Resolved*, that the Board of Visitors in its Resolution of the 13th November last, from the information then laid before it, believed that Mr. Courtney's statement had reference to the subject matter of Dr. Lyons' question as reported and implied that the plans then on exhibition had been submitted to the Visitors, but on reference to the information now supplied, finds that such was a misapprehension on its part, and accordingly withdraws the Resolution in question.

15.—The RIGHT HON. A. J. MUNDELLA, M.P., to MR. JOHN BEVERIDGE, MANSION HOUSE, DUBLIN.

Education Department, Whitehall, S.W.
16th December 1882.

SIR,

I HAVE the honour to acknowledge the receipt of your letter of the 12th instant, forwarding a Resolution adopted at a conference between the Committee appointed by the Corporation of Dublin, and a number of gentlemen named by a public meeting of citizens of Dublin held on the 25th ultimo.

I regret that these gentlemen should have found my former letter unsatisfactory and I should feel obliged by your assuring them that it was written with no lack of sympathy on my part with their aspirations for the advancement of Science and Art Education in Ireland.

As regards the unsuitability of the plans, and the insufficiency of the site for the new Science and Art Museum, I can only ask you to point out that the site was not the one selected by the Government. It was forced on them by circumstances, and the designs were selected by a committee of Irish gentlemen in an open competition.

The question of a change of site, or of procuring revised specifications and fresh plans for the site now selected, is one for the Treasury and the Irish Board of Works, but I would again suggest to your Committee that they should represent their views to His Excellency the Lord Lieutenant, who, as Lord President, is still head of the Science and Art Department, and is not only

Appendix A.

MINUTES AND CORRESPONDENCE.

thoroughly conversant with all that has taken place with regard to this matter, but has taken a deep personal interest in it.

The question of a separate and independent Science and Art Department for Ireland is also one for the Government, and not one which can be treated departmentally, and any representations on the subject which your Committee may consider desirable, should be made to His Excellency the Lord Lieutenant.

It is only right, however, that I should remind you that when the Government proposed, in 1868, to constitute a separate Department of Science and Art for Ireland, they appointed a Commission to report on the best means for carrying out the project.

The members of the Commission were the Marquis of Kildare, the Very Reverend Dr. Russell, the Reverend Dr. Samuel Haughton, Mr. G. A. Hamilton, Professor Huxley, Colonel Laffan, Professor Wyville Thomson, and Captain Donnelly. All of these gentlemen were, I believe, Irishmen, except two, and one of them was at that time a Professor in one of the Queen's colleges in Ireland, and yet nearly the first act of this Commission was to apply for fresh instructions, and to inquire whether they were precluded from considering the question of the desirability of having, or not having, a separate Department for Ireland. Having been informed that they were not precluded from doing so, they unanimously reported that "a mature consideration has convinced us that the formation of a separate Department for Ireland would be detrimental to the interests of Science and Art in that country."

I am bound to confess that all my experience of the working of the Science and Art Department has entirely borne out the conclusions of this Commission, and I would ask your Committee to fully weigh and consider the report, and the evidence on which it was founded, including the Memorial sent to the Treasury by 245 students in the Dublin School. Can there be any question that the arguments on which their recommendations were based are valid? For instance, that a separate department "would deprive "the students of the Irish schools of the great advantage of Imperial "competition, and would so tend to restrict their prospects to the comparatively narrow field afforded by their own country," or that "so long as instruction in Science and Art in Ireland forms part of a great system spreading over the whole kingdom, it will probably continue, as it has commenced, "unhampered by the political and sectarian differences which unhappily too "readily obtain on all questions of education at the present time."

The present Government have, like the late Government, endeavoured to carry out the recommendations which Lord Kildare's Commission considered would practically secure for Ireland all the advantages of the Minute of the 22nd May 1868, which proposed to create a separate Department of Science and Art. Indeed Lord Sandon's letter of the 8th February 1876, which we have been following literally, went further than the recommendations of the Commission in the direction of local management.

In conclusion, I would earnestly impress on your Committee to consider this matter carefully, lest in pursuing a shadow they lose sight of, and defer for a lengthened period, the solid advantages we are so anxious that Ireland should enjoy. I trust I need scarcely say that my own views as to a separate Department are dictated solely by what I believe to be the real interests of that country.

I have, &c.
(Signed) A. J. MUNDELLA.

16.—SIR F. R. SANDFORD, K.C.B., to MR. R. G. C. HAMILTON.

Education Department, Whitehall, S.W.
19th December 1882,

See Nos. 13 and 15.

SIR,

I AM directed to forward to you, for the information of his Excellency the Lord Lieutenant, the enclosed copy of a letter from Mr. Beveridge, dated

the 12th instant, and of the Vice President's reply thereto, dated the 16th instant.

I have, &c.
(Signed) F. R. SANDFORD.

17.—MR. H. B. WHITE to the SECRETARY, SCIENCE AND ART DEPARTMENT.

Science and Art Museum, Leinster House, Dublin,
5th January 1883.

SIR,

I AM directed to forward you the annexed copy of a Resolution passed unanimously at a joint meeting of the Board of Visitors of the Science and Art Museum and Council of Trustees of the National Library of Ireland held yesterday, at which the following members were present :—

Trustees.	*Visitors.*
Dr. Stoney.	His Grace the Duke of Leinster.
Dr. Joly.	G. W. Maunsell.
Dr. Haughton.	S. F. Adair.
Dr. Ingram.	Sir S. Ferguson.
Dr. Dowden.	Sir R. Kane.
Dr. Ball.	C. U. Townshend.
Dr. Reynolds.	Dr. Reynolds.

I am, &c.
(Signed) H. B. WHITE,
Chief Clerk.

COPY of Resolution of 4th January 1883.

It appearing that at a joint meeting (which was held on the 5th May 1882) of the Visitors of the Museum and Trustees of the National Library, appointed under the agreement of the 1st day of March 1881, the following Resolution was passed :—

"The Visitors of the Museum and Trustees of the National Library desire to submit to the Government that no general plans for the new buildings should be adopted without previously obtaining the observations of the local bodies created expressly for the purpose of advising the Government in relation to the Library and Museum, as the decision on these plans will largely affect these Institutions in respects which can best be judged of by local bodies."

It also appearing that such Resolution was immediately afterwards forwarded to the Science and Art Department, and that its receipt was merely acknowledged on the 10th of May last, but that no action has since, in any way, been taken thereon by the Science and Art Department :

Resolved, that the Trustees and Visitors deem it right to call attention to these facts, and to express their regret that so much time has been allowed to pass without any opportunity having been afforded to either body of making their observations on the important matters referred to in the Resolution.

Passed unanimously.

(Signed) LEINSTER,
Chairman.

Copies to be sent to Science and Art Department, Irish Government, Treasury, and Irish Commissioners of Works.

(Signed) LEINSTER.

Appendix A.

MINUTES AND CORRESPONDENCE.

CORRESPONDENCE relating to VISITORS' REPORT.

1.—MR. H. B. WHITE to the SECRETARY, SCIENCE AND ART DEPARTMENT.

Science and Art Museum, Leinster House, Dublin,
14th November 1882.

SIR,

I BEG to forward you the enclosed copy of a Resolution passed by the Board of Visitors, and to request that you will be so good as to give the necessary instructions in reference thereto.

I am, &c.
(Signed) H. B. WHITE,
Chief Clerk.

ENCLOSURE.

COPY of Resolution passed by the Board of Visitors at their meeting held on 13th November 1882.

That the Department be requested to direct that the several officers' reports for this year shall be submitted to the Visitors at the earliest period after such reports are made, in order that the Visitors' report to be laid before Parliament shall have reference thereto, and to the facts stated in such reports.

2.—COLONEL DONNELLY, R.E., to the DIRECTOR, MUSEUM OF SCIENCE AND ART, DUBLIN.

Science and Art Department, London, S.W.,
21st November 1882.

SIR,

I AM directed to acknowledge the receipt of Mr. White's letter of the 14th instant, enclosing copy of a Resolution of the Board of Visitors of the Dublin Museum as to the Reports of the Staff of the Museum being submitted to them, and I am to acquaint you that these Reports will be communicated to the Visitors as soon as they have been received and considered by my Lords.

I am, &c.
(Signed) J. F. D. DONNELLY.

SCIENCE AND ART MUSEUM, DUBLIN.—CORRESPONDENCE relating to the FOLEY BEQUEST.

1. Colonel DONNELLY, R.E., to the LORD MAYOR of DUBLIN.

MY LORD, 16th August 1879.

I AM directed by the Lords of the Committee of Council on Education to state that it having been found impossible, with the means at its command, for the Science and Art Department to repair and send to the Science and Art Museum in Dublin the whole of the casts bequeathed by the late Mr. Foley, R.A., or to provide space for them when there, a committee of sculptors was appointed to make a selection of such as could be put in a state for exhibition for 500*l*., the sum of money allocated by the Lords Commissioners of Her Majesty's Treasury for the purpose. It is believed that all the principal works, of which the originals are not already in Dublin, are included in the list of works selected, and which have been sent to Leinster House. But, as will be seen from the accompanying list, there are a number of casts still at South Kensington. It is not the intention of their Lordships to retain any of them for this Museum. The Executors to whom they were offered under the terms of the will have declined them, but have sanctioned their being offered to Schools of Art and other public institutions. Before doing this, however, my Lords would be glad to know if the Corporation of the City of Dublin desire to have any of them on the same terms that they will be offered to Schools of Art, viz. : that they shall defray the cost of packing and removal.

To assist the Corporation in coming to a decision, I am directed to inform you that Mr. Brucciani estimates that the repair and packing of these casts will not exceed 850*l*.

I have, &c.
(Signed) J. F. D. DONNELLY,
Lieut-Colonel, R.E.

1 Statue, life size, Lord Elphinstone.
1 „ (seated figure), Sir Charles Barry.
1 „ colossal, Prince Consort, robed as Knight of Garter.
1 „ „ Lord Carlisle, „ „
1 „ „ William Rathbone.
1 „ standing figure, Prince Consort, life-size, robed as Chancellor of the University of Cambridge.
1 „ seated figure, Sir Benjamin Guinness, LL.D.
1 „ colossal, Grattan.
1 „ Prince Consort, life-size.
1 „ colossal, Goldsmith.
1 „ „ Joshua Fielding.
1 „ life-size. . . . Academical Costume.(?)
1 „ „ Dr. Stokes.
1 „ „ . . . Academical Costume.(?)
1 „ colossal. Canning.(?)
1 „ life-size, Stonewall Jackson.
1 Equestrian statue, Lord Hardinge.
1 Statue, small. The Wanderer.
1 „ „ of a girl.
1 „ seated, with emblems of war.
Monument, male bust, supported by " Hope and Charity."
1 Panel-figure in relief.
1 „ „ distribution of the Bible.
1 seated figure, girl caressing a bird.
1 Nude male figure, supported by trunk of tree.
Monument, recumbent figure. General Bruce.(?)
4 figures, representing Science, Art, Agriculture, and Manufactures.

1 Bas-Relief. "Forlorn Hope."(?)
1 Full Length figure of Selden.
1 Half length figure (female, nude).
1 Panel, figures in relief.
1 Medallion Bust.
2 Figures. Winter.(?)
1 Group of two figures.
1 Monumental Tablet.
1 Medallion set in square frame.
Pedestal and central figure of Prince Consort, Albert Memorial.
Elephant, figure of Persia, India, China, a seated Arab, and the centre figure of Angle group, Albert Memorial.
2 Busts in relief.
36 Busts, various sizes, chiefly life size.

2.—MR. CHARLES DAWSON, M.P., to COLONEL DONNELLY, R.E.

St. Michael's, Dalkey,
28th December 1881.

SIR,

REFERRING to a letter of yours to the Lord Mayor of Dublin about the Foley casts dated 19th August 1879,* I beg to say,—

I am going into the Mansion House as Lord Mayor on the 1st January, and I am very anxious to get some of those casts referred to in that letter for the Mansion House. I am desirous of knowing if the Lords of the Council of Education would make any contribution towards the packing and freight of those I would select. The Danish artist's, Thorwaldsen, works were brought by the Government I believe to Copenhagen. Also I would wish to know what the 36 busts of various sizes mentioned in list consist of. Apologising for this trouble,

I remain, &c.
(Signed) CHARLES DAWSON.

3.—COLONEL DONNELLY, R.E., to the LORD MAYOR of DUBLIN.

Science and Art Department, London, S.W.,
17th January 1882.

MY LORD,

IN reply to your letter of the 28th ultimo, I am directed by the Lords of the Committee of Council on Education to inform you that they are unable to make any contribution towards the packing and freight of the casts in the Foley Bequest which may be selected for the Mansion House in Dublin. A selection of those which are in the best condition and suitable for the purpose required would, however, be made by the officers of the Science and Art Department; and slight repairs such as could be carried out by the Staff at South Kensington would be made without charge.

The 36 Busts referred to are probably of private individuals. Their names are not known to the Department.

I am, &c.
(Signed) J. F. D. DONNELLY,
Col. R.E.

4.—The LORD MAYOR of DUBLIN to COLONEL DONNELLY, R.E.

Mansion House, Dublin,
28th January 1882.

The Lord Mayor's compliments to Colonel Donnelly, and begs to thank him very much for his courteous note of the 17th instant.

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* Should be 16th August.

Many pressing public occupations must be his excuse for not acknowledging its receipt before this.

As an Irishman he is most anxious to offer an asylum to any products of Foley's genius.

Would Colonel Donnelly kindly get the selection made, and perhaps ere long the Lord Mayor may have the great pleasure of visiting him in London.

The Lord Mayor also recognizes, and feels obliged for, offer of Department to defray cost of slight repairs. In a city requiring so many and so costly works for sanitary and other imperative demands, the Municipal Council are chary of spending money in what may be called the ornamental department. But the Lord Mayor is most anxious, if it be not too costly, to add to the Mansion House a few artistic objects.

He is confident in this he can rely on the aid of Colonel Donnelly and his Department.

5.—COLONEL DONNELLY, R.E., to the LORD MAYOR of DUBLIN.

Science and Art Department, London, S.W.,
9th February 1882.

MY LORD,

IN reply to your Lordship's letter of the 28th ultimo, I am directed to inform you that instructions have been given for the Foley casts to be repaired, and cleaned, and they will be ready for inspection in about ten days.

I am, &c.
(Signed) J. F. D. DONNELLY,
Col. R.E.

6.—COLONEL DONNELLY, R.E., to the LORD MAYOR of DUBLIN.

Science and Art Department, London, S.W.,
20th May 1882.

MY LORD,

IN reply to your letter of the 12th instant, I am directed by the Lords of the Committee of Council on Education to inform you that all the Foley casts, except one which is too much damaged, have now been repaired by this Department, and will be handed over to the Corporation of Dublin whenever they are prepared to remove them. As stated, however, in my previous letter on this subject, my Lords regret that they are unable to defray any portion of the cost of packing and carriage to Dublin, which, from inquiries that have been made, would amount, it is believed, to about 250*l*.

With reference to your Lordship's inquiry as to whether the Department could contribute to the Fine Art Loan Collection of the Exhibition of Irish Manufactures, to be held in Dublin during the coming Autumn, I trust to be in a position to give an answer in a few days.

I am, &c.
(Signed) J. F. D. DONNELLY.

7.—The LORD MAYOR OF DUBLIN to the SECRETARY, SCIENCE AND ART DEPARTMENT.

IRISH EXHIBITION.

Mansion House, Dublin,
12th July, 1882.

DEAR SIR,

WOULD you be so good as to let me know as soon as possible what would be the expense attending the removal and packing of the casts in enclosed list marked with a ×.

If the sum is not very high I may be able to induce our Board to pay the necessary sum.

We have Mr. Smyth of London engaged as our agent to superintend the transfer of works of art.

The Corporation would assume care of the models after their exhibition.
I remain, waiting as early a reply as possible,

Yours, &c.
CHARLES DAWSON, M.P.,
Lord Mayor of Dublin.

P.S.—Please return list.

8.—MR. A. J. R. TRENDELL to the LORD MAYOR of DUBLIN.

IRISH EXHIBITION.

Science and Art Department, London, S.W.,
MY LORD, 15th July 1882.

I AM directed to acknowledge the receipt of your Lordship's letter of the 12th instant, and, in reply, I am to state that, so far as can be judged, the expense of the packing and carriage of the models selected from the Foley Bequest, to which you refer, would be about one hundred and twenty pounds.

The list* which accompanied your letter is returned herewith as requested.

I am, &c.
(Signed) A. J. R. TRENDELL.

9.—MR. J. C. ROONEY to the SECRETARY, SCIENCE and ART DEPARTMENT.

Irish Exhibition Company, Limited, Rotunda,
SIR, Dublin, 24th July 1882.

ADVERTING to your letter of the 15th inst., I am directed by my Board to convey to you their desire to accept your offer, as they have resolved to incur the expense you name, viz.: One hundred and twenty pounds (120*l.*).

Will you kindly inform me if you will have them packed and forwarded, or if we will be obliged to employ an agent to do so.

Furthermore, it is the particular desire of my Board that arrangements for the removal of said objects should be concluded as soon as possible.

I am, &c.
(Signed) JOHN C. ROONEY,
Secretary.

10.—COLONEL DONNELLY, R.E., to the SECRETARY, IRISH EXHIBITION COMPANY (LIMITED).

Science and Art Department, London, S.W.,
SIR, 27th July 1882.

IN reply to your letter of the 24th instant, I am directed to inform you that it will be necessary for your Board to employ an agent in packing and forwarding the models selected from the Foley Bequest for the Irish Exhibition. I am to suggest that you should employ Messrs. D. Brucciani and Co., of 40, Russell Street, Covent Garden, W.C., for this service, as they can be relied on to carry out your instructions effectively.

I am &c.
(Signed) J. F. D. DONNELLY.

11.—MR. G. F. FITZGERALD to the SECRETARY, SCIENCE AND ART DEPARTMENT, LONDON, S.W.

Royal Dublin Society, Kildare Street,
SIR, 19th December 1882.

I AM directed to transmit to you the enclosed copy of a Resolution passed at a meeting of the Council of the Royal Dublin Society, and to state

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* No copy appears to have been kept of this list.

that in the event of the Science and Art Department being unable to provide suitably for the exhibition of all the models, the Council would be glad to have an opportunity for considering whether the Society could not undertake the charge of part of the collection.

I am, &c.
(Signed) GEO. FRAS. FITZGERALD,
Hon. Secretary.

ENCLOSURE.

Copy of a Resolution passed at a meeting of the Council of the Royal Dublin Society held on Thursday the 14th December 1882.

Resolved:—That the Council of the Royal Dublin Society has observed in the Public Press a statement that the Irish Exhibition Company has offered to place at the disposal of the Corporation the original models of Foley's statues at present in the custody of the company.

The Council in advising the Science and Art Department of this offer would remind it that all the original models of the late Mr. Foley's statues were bequeathed to the Royal Dublin Society.

That on the occasion of the transfer by the Act of 1877 it was provided that "all the collections" which should become vested in the Department should "be retained in Ireland for the benefit of the public, and of the Society."

The Council of the Royal Dublin Society, therefore, invites the Science and Art Department to bring together all the original models which Mr. Foley bequeathed to the Society not at present in its halls, so that the purposes of the Act of 1877 may be carried out.

12.—COLONEL DONNELLY, R.E., to the HONORARY SECRETARY, ROYAL DUBLIN SOCIETY.

Science and Art Department, London, S.W.,
SIR, 12th January 1883.

IN reply to your letter of the 19th December, enclosing a copy of a Resolution of the Council of the Royal Dublin Society with reference to the Foley bequest, I am directed by the Lords of the Committee of Council on Education to request you will inform the Council of the Royal Dublin Society as follows:—

A question having arisen as to the interpretation of the terms of Mr. Foley's bequest, "original models of my works," it was decided by the Court of Chancery that only the "models from which the completed works, either "in marble or bronze, have been executed, that is, the model from which the "marble was copied or that from which the bronze was cast," were thereby conveyed.

As soon as these models had been transferred to the Science and Art Department, a committee, consisting of Mr. CalderMarshall, R.A., Mr. Boehm, R.A., and Dr. Steele, was appointed to make a selection therefrom, as it would have been impossible with the amount of money at the disposal of the Department to repair and transport the whole collection to Dublin, even if it had been desirable to do so, considering the space available for exhibition in the Science and Art Museum in Dublin.

The Committee made a selection of 27 casts, as "those which would most "worthily represent in his native city the genius of the artist. The Com-"mittee find that the originals of nearly all the large works are, or will be, "placed in Dublin. They therefore have not proposed to include the casts "of these among the works selected, especially as most of them are much "damaged, and would entail a heavy expenditure not only for transit but "for mere repair." The works selected were repaired and sent to Dublin, and are now, it is believed, in Leinster House.

In August 1879 a letter was written to the Lord Mayor of Dublin informing him of what had been done, enclosing a list of the casts that remained, and asking if the Corporation desired to have any of them on the

Appendix A. — Minutes and Correspondence.

condition of defraying the cost of their packing and removal, Mr. Brucciani's estimate for the repair of each cast being also furnished to the Corporation.

No immediate action was taken, but eventually, after some correspondence, the Lord Mayor of Dublin (Mr. Dawson, M.P.) wrote on the 12th July last, asking what would be the expense attending the removal and packing of certain of the casts which he specified. His Lordship added that he hoped to be "able to induce our Board"—the letter was headed "Irish Exhibition, "Mansion House, Dublin"—"to pay the necessary sum . . . The "Corporation would assume care of the models after their Exhibition." Messrs. Brucciani's estimate of 120*l.* having been accepted by the Irish Exhibition Company, 12 large statues, 6 statuettes, and 2 busts were forwarded to the Rotunda, Dublin, by them in July last.

There are a large number of casts still remaining at South Kensington. A list of these is appended, and if the Royal Dublin Society desire it, they can have the whole or a selection of them; but my Lords cannot undertake to defray any portion of the cost of repair, packing, or transport.

I am, &c.

(Signed) J. F. D. Donnelly.

List of Plaster Models by J. H. Foley.

1. Prince Consort. Colossal figure.
2. „ „
3. „ „
4. Grattan. „
5. Colossal figure.
6. Unknown. „
7. Stonewall Jackson. „
8. Colossal equestrian figure.
9 to 17. Parts of the Albert Memorial.
18. Unknown colossal figure.
19. Seated figure. Barry.
20. Parts of colossal seated figure of the Prince Consort (Albert Memorial).
21. Nude half-length female figure.
22. Bas-relief. Woman and Child.
23. Model of a monument or tomb.
24. Bas-relief medallion. Angels.
25. „ Group. One figure reading.
26. „ Mother and Infant.
27. „ Storming Party.
28. Unknown colossal figure.
29. Bas-relief lunette. Angel and Sleeping Girl.
30. Nude male figure.
31. Group.
32 to 54. Various busts.
55. Medallion head, male.
56. „ female.
57. „ male.
58. „ male.
59. Bust of H.M. The Queen.
60. Medallion head, male.
61. Gothic pedestal.
62. Bas-relief, group.
63. Model, with Chinese inscriptions, &c.
64. Figure of a girl, draped.
65 to 75. Various busts.
76. Medallion head, male.

CORRESPONDENCE relating to the BORROWING of BOOKS from the NATIONAL LIBRARY of IRELAND.

COLONEL DONNELLY, R.E., to the DIRECTOR, MUSEUM OF SCIENCE AND ART, DUBLIN.

Science and Art Department, London, S.W.
8th May 1882.

SIR,

I AM directed by the Lords of the Committee of Council on Education to acquaint you that, having considered the report of the Committee adopted by the Council of Trustees of the National Library of Ireland, at their meeting on the 21st March last, their Lordships agree to the proposal contained therein, viz., that, in order to meet the wants of scholars engaged in research, which have been hitherto provided for in a somewhat irregular way, the following be added to the Library regulations:—Rules 24, 25 (Section VI.) and 30 may be relaxed in special cases by the Trustees on a formal application, stating definitely the grounds on which the privilege is sought; and that the Trustees will furnish to my Lords every half year the names of the persons who have taken advantage of this relaxation in the rules, as well as the grounds on which in each case the privilege is granted.

I am at the same time to state that this proposal is approved on the understanding that it refers only to members who have joined the Royal Dublin Society on or before the 31st December 1877, and that it does not extend the privilege of borrowing books to any other persons.

I am, &c.
(Signed) J. F. D. DONNELLY,
Col., R.E.

Appendix B.

Col. Donnelly's Report.

APPENDIX B.

I. Report on Science Schools and Classes by Col. Donnelly, R.E.

I am glad to be able to report that the slight falling off in the number of Science Schools under the Department, which occurred in 1881, has been more than recovered; the number examined last year (1,403), being not only larger than in 1881 (1,360), but also larger than in 1880, when there were 1,391. The number of classes in the schools also rose from 4,839 in 1881 to 4,881 in 1882, and the number of students under instruction increased from 61,177 to 68,581. Of these, 43,331 came up for examination, of whom 31,461 were successful in one subject or another, as against 38,837 and 30,518 respectively in 1881. In order to ascertain to what extent students attend the Science classes with a view of making a continuous study of Science, the lists of all those who were successful in passing in any subject were analysed. It appears that of the 31,461 students who were successful in 1882, 16,910 were successful for the first time; and of the 30,518 who were successful in 1881, 17,246 were successful for the first time.

As a larger number of students altogether were successful in 1882, while a smaller number were successful for the first time, it is evident that the practice of continuous study is increasing.

I should state that each separate institution where Science is taught in connexion with this Department is reckoned as a school. In some cases the school consists of but one class in one branch of Science, which meets in the evening in an elementary school or other building used during the day for a different purpose, whilst in some cases it has its own rooms, or its own building, as a Science and Art School, or as a Science School, with a permanent organisation and a more or less complete curriculum of study. In my last report I endeavoured to determine the relative proportions of the schools of different classes; and it appeared that there were then about 300 Science Schools in buildings the whole of which belonged to them, or part of which was definitely appropriated to them; and there were about 320 others which, though of a permanent character, were parts of, or adjuncts to, educational institutions of a wider and more extended character. I am glad to say that the former class are being added to year by year, though the present restrictions in building grants for Science Schools greatly militate against a rapid increase.

The examinations in May were held at 1,025 provincial and 92 metropolitan centres. They were attended, in addition to the regular students of the Science classes, by a considerable number of private students, the numbers in 1881 and 1882 being respectively 5,804 and 7,290.

The total number of papers worked in the elementary stage was 60,504, in the advanced stage 14,067, and in honours 1,492; the corresponding numbers for 1881 being 57,614, 13,344, and 1,342. There was thus an increase of 2,890 in the elementary stage, 723 in the advanced stage, and 150 in honours. The number of 1st classes obtained in the elementary stage was 11,123, and of 2nd classes 29,381, as compared with 10,976 and 27,799 respectively in 1881, there being thus an increase in the total number successful in this stage of 1,729. The numbers of 1st classes, 2nd classes, and failures in the advanced stage were respectively 2,445, 7,265 and 4,357, the corresponding numbers for 1881 having been 2,200, 7,137, and 4,007. The numbers of 1st classes, 2nd classes, and failures in the honours stage were respectively

102, 425 and 965, the corresponding numbers for 1881 having been 91, 395 and 856.

2 (*a*.) Results of the Science School Examinations, May 1881 and May 1882.

	1881.	1882.
Number of Schools under Teachers examined	1,360	1,403
Number of Classes in the same	4,839	4,881
Number of individuals under instruction in Classes under Certificated Teachers	61,177	68,581
Number of the above who came up for examination	38,837	43,331
Number examined in addition to the above who were not in Schools under Certificated Teachers	5,804	7,290
Number of individuals successful	30,518	31,461
Number of those who have not been successful in a previous year	17,246	16,910
Number of Papers worked in :—		
Subject.		
I. Practical, Plane, and Solid Geometry	3,364	3,393
II. Machine Construction and Drawing	5,328	5,821
III. Building Construction	3,117	3,258
IV. Naval Architecture	168	232
V. Mathematics	11,598	11,598
VI. Theoretical Mechanics	2,049	1,851
VII. Applied Mechanics	1,834	2,010
VIII. Sound, Light and Heat	4,155	4,535
IX. Magnetism and Electricity	10,229	10,548
X. Inorganic Chemistry	6,329	7,083
X. „ „ (Practical)	2,564	3,327
XI. Organic Chemistry	260	324
XI. „ „ (Practical)	208	282
XII. Geology	1,641	1,474
XIII. Mineralogy	56	74
XIV. Animal Physiology	5,827	6,170
XV. Elementary Botany	1,872	2,100
XVI. XVII. General Biology	166	132
XVIII. Principles of Mining	266	242
XIX. Metallurgy	244	277
XX. Navigation	338	331
XXI. Nautical Astronomy	66	67
XXII. Steam	1,267	1,384
XXIII. Physiography	4,958	4,871
XXIV. Principles of Agriculture	4,396	4,679
Total number of Papers worked	72,300	76,063
Number of Provincial Centres where Examinations were held	987	1,025
Number of Metropolitan Centres where Examinations were held (including South Kensington Museum)	111	92
Number who came up in the Elementary Stage	57,614	60,504
„ of 1st Class successes	10,976	11,123
„ 2nd „ „	27,799	29,381
„ Failures	18,839	20,000

Appendix B.

Col. Donnelly's Report.

RESULTS of the SCIENCE SCHOOL EXAMINATIONS—*cont.*

——	1881.	1882.
Number who came up in the Advanced Stage - -	13,344	14,067
„ of 1st Class successes - - -	2,200	2,445
„ 2nd „ „ - - - -	7,137	7,265
„ Failures - - - - -	4,007	4,357
Number who came up in Honours - - -	1,342	1,492
„ of 1st Class successes - - - -	91	102
„ 2nd „ „ - - - -	395	425
„ Failures - - - - -	856	965
Total number of Papers worked - - -	72,300	76,063
Total number of Successes - - -	48,598	50,741
Total number of Failures - - -	23,702	25,322

The payments on the results of instruction amounted to 45,376*l.*, and as there were 68,581 students under instruction the average payment per student under instruction was 13*s.* 3*d.* The corresponding average in 1881 was 14*s.* 2*d.* The number of teachers to whom payments were made in 1882 was 1,851 as compared with 1,762 in 1881.

Statements having been made that students of the artizan class had ceased to attend the Science schools, or did so in very limited numbers, I endeavoured to obtain some accurate statistics on the subject. Every student coming up for examination states his trade or, if he has not left school, his father's trade. It would have been a very laborious matter to go through the whole of the 72,000 papers worked in 1882. Certain subjects were therefore selected for analysis. The subjects taken were Building Construction and applied Mechanics, as somewhat special or technical subjects, and on the other hand, Sound, Light, and Heat, and Magnetism and Electricity, as general subjects, in which there would probably be the smallest per-centage of strictly artizan students. The result was as follows:—In Building Construction 77 per cent. were operatives in the Building Trades, and among the remaining, 23 per cent. were many clerks to builders, articled pupils to architects and surveyors. In applied mechanics 80 per cent. were operatives in the engineering trades. In Sound, Light, and Heat, 27 per cent. were artizans or the children of artizans; 18 per cent. tradesmen or the children of tradesmen; 19 per cent. clerks or the children of clerks, and 36 per cent. teachers, pupil teachers and students at school. In Magnetism and Electricity the per centages in these several categories were respectively 30, 22, 18, and 30.

The reports of the examiners were printed and circulated among the schools as soon as possible after their receipt. I give below such portions as have a general interest.

Mr. Unwin, the examiner in Machine Construction and Drawing, says,—

"The examination this year shows that a gradual and slow improvement of the teaching of this subject is going on. The teachers in many schools are undoubtedly either better acquainted with what good mechanical drawing is, or are acquiring more facility in making their pupils understand it. At the same time the proportion of candidates sent up for examination, who show no indication of having been taught at all, is larger than it should be.

"I have been steadily aiming at rendering the examination more definite, and in some respects I think the papers this year were better in that respect

than they have been before. The elementary paper especially appeared to afford very satisfactory tests of the character of the teaching . . . . .

"In the case of the Advanced stage of the examination, there is an unavoidable difficulty, in setting an example complicated enough to really test the drawing power of the candidates and yet capable of being completed in the four hours allotted for the examination. I suppose some portion of the examination time is taken up with matters of routine, and part lost in preparing the paper and instruments for work. But still the average amount of work done in the time seems to me small. When a candidate has reached the Advanced stage, he ought to have acquired facility enough to draw with some rapidity. I think the teachers should occasionally set exercises in which rapidity of work is tested as well as accuracy.

"Some written questions were set in the Advanced stage paper this year, and I think they were useful. They may in time be made somewhat more difficult. There is, however, a reason for not making them so large a part of the examination, as to encroach too much on the time available for drawing. In many cases the questions were very well answered. . . . . .

"The Honours paper was satisfactorily worked, and I need only note two or three specially common errors. . . . . .

"The first example in the Home Work paper, which was an application of applied mechanics in machine design, was, I think, useful. It would be well for candidates in the Honours stage to give more attention to questions of this kind. The calculations in the Honours paper are often not very neatly done, and in some cases are so very carelessly arranged as to become quite unintelligible."

Major Seddon, R.E., the examiner in Building Construction, says,—

Tables I. and II., below, give the number of papers and per-centages of classes gained this year as compared with the two previous years, from which it will be seen that the total number of candidates has increased by about 142, the largest increase being in the Advanced stage, which last year showed a slight decrease.

Table I.—Number of Papers.

Stage.	Number of Papers.			+ Increase. — Decrease.		
	1880.	1881.	1882.	1880.	1881.	1882.
Elementary -	2,202	2,304	2,314	+253	+102	+10
Advanced - -	715	663	769	+174	−52	+106
Honours - -	156	150	176	+51	−6	+26
Totals -	3,073	3,117	3,259	+478	+44	+142

Table II.—Per-centage of Classes.

Stage.	1880.			1881.			1882.		
	Failed.	1st Class.	2nd Class.	Failed.	1st Class.	2nd Class.	Failed.	1st Class.	2nd Class.
Elementary - -	40·14	11·76	48·09	28·51	21·18	50·30	20·80	21·59	51·60
Advanced - -	21·39	10·76	67·83	15·23	28·05	56·71	19·70	12·69	67·61
Honours - - -	67·31	0·64	32·05	52·00	3·33	44·46	60·80	2·27	36·93

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"*Elementary stage.*—In this stage there is only an increase of 10 over last year. The failures are 1·7 per cent. under last year, whilst the per-centage of 2nd class papers is higher by 1·3, and of 1st class papers by 0·4. . . .

"*Advanced stage.*—In this stage there was a considerable increase, amounting to 106 more papers than in 1881.

"The failures were about 4·5 % in excess of last year, though about 1·7 % less than in 1880.

"Out of the 769 candidates only 25 failed to obtain 20 % of the full marks. . . . .

"*Honours stage.*—The per-centages in this stage show a decrease in the classes gained as compared with 1881, but an increase as compared with 1880."

Mr. Baskcomb and Mr. Morrison, the examiners in Naval Architecture, say,—

"*Elementary stage.*—The work in Practical Shipbuilding, and in Drawing, has on the whole been well done, 26 per cent. of the candidates earning over 64 per cent. of the full marks, and nearly one half of these have reached 75 per cent. and over.

"Inattention to the rules laid down on the examination papers has been the means of reducing the marks of several candidates. . . . . .

"The section relating to Calculations has been introduced for the first time this year, and although the questions are of the most elementary kind, it is evident that they are beyond the powers of the majority of the candidates. Nearly two thirds of the number of candidates made no attempt at any question in this section, and several of the remaining candidates earned practically nothing in the questions they attempted; in fact, not more than 8 per cent. of the number of candidates have done satisfactory work in this section.

"*Advanced stage.*—The work in Practical Shipbuilding, Laying off, and Drawing, has been well done by many of the candidates, but the marks in the totals are low, from the fact that a large majority are quite incompetent to deal with the questions relating to Calculations. These questions, introduced for the first time this year, are certainly not difficult; moreover, there is a comparatively large number to select from, yet 25 per cent. of the candidates did not attempt a single question, and 14 per cent. who attempted one or more questions did not earn a single mark.

"To sum up, only *two* candidates out of 51 who took the Advanced paper did fairly well in the Calculations, and only two have reached 70 per cent. of the total number of marks.

"*Honours.*—Speaking generally, the work done is certainly not what might be expected from candidates for honours. Almost without exception, the candidates were unequal to the task of solving the problems in the section devoted to Calculations, only three candidates out of the 29 who took the paper can be said to have done fairly well in this section.

"In conclusion, we think that, when the new syllabus is more fully understood by teachers and students, better results may be hopefully looked for, but judging from the work done this year, some time must elapse before questions on Calculations can be satisfactorily answered by a large majority of the students."

Mr. Merrifield and Mr. Twisden, the examiners in Pure Mathematics, Stages 1, 2, and 3, say,—

"With regard to the examination just concluded in Mathematics, Stages I., II., III., we beg leave to report as follows:—

"*Honours.*—There were no more than 23 candidates; we have recommended that four of them be placed in the first class and 10 in the second. . . . .

"*Third Stage.*—Here the results closely resemble those obtained last year, being perhaps rather better. The work sent up was, as it should be, a decided distance in advance of the second stage. . . . .

"*Second Stage.*—The results here are good. The number of candidates examined is about the same as last year; but the number of those who have

gained more than 120 marks is larger, and the number of those who have made less than 60 marks is less than last year. This result may in part be ascribed to the fact that there were two or three questions in each section, one or two of which were very often answered. . . . . The other questions, however, came in for a proper share of attention. . . . .

"*First Stage.*—The results are not satisfactory; but before saying a word on the results we may notice one or two questions separately. . . . . On the whole, it was a very weak point in the examination that there was so strong a tendency of the answers to run on certain questions. . . . ."

Mr. Twisden, the examiner in Theoretical Mechanics, says,—

"*Honours.*—There were 19 candidates for Honours. I have recommended that four of them be placed in the first class, and seven in the second, leaving eight unclassed. I cannot report very favourably of the work, though a few of the students showed themselves able to understand the subject, and to have correct ideas on questions of force. The style of the answers was rarely good, and besides there were serious omissions. . . . .

"*First Stage.*—The results in this stage are, on the whole, rather better than they were last year or the year before. As usual, those who do best—who get about 75 marks and upwards—do very well. Their answers are accurate and, as a rule, in good style. Still one or two questions which are harder than the others were pretty generally avoided. . . . . In regard to the work generally, I must repeat what I said last year, that enough attention is not paid to definition and statement of facts. In some cases the answers are a string of technical terms used without any reference to their meaning, *e.g.*, the following was intended for an answer to the first part of Q. 8: "Disregarding friction; an upward force equal to gravity, the string "pulling up, potential energy and kinetic energy." This is an extreme case, but it often happens that an answer otherwise good is spoilt by beginning with an erroneous or ill-worded definition. . . ."

Prof. Guthrie and Prof. G. Carey Foster, the examiners in Magnetism and Electricity, report as follows:—

"The answering in the elementary stage shows some improvement, especially in regard to Magnetism and Frictional Electricity. In Voltaic Electricity the answering was less satisfactory.

"It is difficult to feel sure how far the comparatively unsatisfactory answering in Voltaic Electricity may arise from the fact that the questions on this part of the subject are placed at the end of the paper; so that, as a rule, candidates do not come to them until a good deal of time and energy have been expended on the earlier parts of the paper.

"It frequently happens that a candidate's answers contain statements which are correct as to matters of fact, but which have little direct bearing upon the questions set.

"This appears to arise from the candidate catching at some word or phrase in the question which suggests to him something he has learnt, but which he is not asked for.

"The answering in the advanced stage is less satisfactory than that in the elementary stage. As usual, a good many who have attempted the advanced are obviously insufficiently prepared even for the elementary.

"Attention is called in the syllabus to the necessity of candidates at the advanced stage being prepared to answer questions involving quantitative relations.

"The questions intended to test this kind of knowledge have been, on the whole, very imperfectly answered.

"It ought to be understood that a satisfactory knowledge of the subjects embraced in this examination (beyond the elementary stage) must be based upon clear conceptions of the fundamental ideas of mechanics; inasmuch as all electrical and magnetic measurements are ultimately measurements of mechanical effects.

"In regard to the Honours paper, very few who took this paper appeared to have any idea of the kind and amount of knowledge expected at this stage.

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Their answers were as a rule very deficient in precision, and gave little evidence of accurate practical knowledge."

The examiners, Dr. Roscoe and Prof. Russell, report as follows:—

"Subject X.—(Inorganic Chemistry.)

"*Elementary Stage* (*Theoretical Examination*).—The results of the examination this year have been very similar to those of last year, and we are glad to note the marked improvement in the way in which the arithmetical questions have been answered.

"With regard to the teaching, whilst admitting that much good work is being done, it is also no less certain that many of the teachers have not had the opportunity of acquiring sufficient knowledge or experience to enable them to give satisfactory systematic instruction.

"*Elementary Stage* (*Practical Examination*).—With respect to this examination, we think that some change is needed, inasmuch as it would appear that in many instances the students have really not received practical instruction. We recommend that similar questions to those hitherto given should be continued, some intimation being made to the candidates that the value of their answers will be greatly enhanced by the neatness and clearness of their sketches, provided always, that an accurate knowledge of the construction of the apparatus be exhibited.

"In addition to this, we are of opinion that a great advantage would accrue if the students in this stage were required to be practically acquainted with the principal reactions, both wet and dry, of the following substances:—silver, lead, mercury, copper, iron, calcium, carbonic acid, nitric acid, sulphuric acid, hydrochloric acid. The examination of this knowledge should be not only by answers to about four questions, testing the acquaintance of the candidate with the above reactions, but also by actual analysis of two solutions, the constituents of which are comprised in the above list.

"We also desire to call attention to the fact that, as the theoretical and practical examinations in this stage are considered as different subjects, the distinction should be made more evident, and this we have done in the amended syllabus.

"*Advanced Stage* (*Theoretical*).—We have to report that in this stage, with a paper certainly not more difficult than that of last year, the average of first classes has fallen from 12 per cent. in 1881 to 5·4 per cent. in 1882, whilst the rejections have risen from 38 per cent. in 1881 to 49 per cent. in 1882, and the answers have been of an unsatisfactory character. We are, however, not prepared to suggest any serious alteration in the syllabus of this stage, so far as the theoretical examination is concerned. We would only strongly urge on the department the necessity of encouraging to the utmost the formation of classes in the advanced stage under competent teachers, and that the attention of the inspector should be called to the importance of seeing that bonâ fide tuition in the advanced stage is given.

"*Advanced Stage* (*Practical Examination*).—In this stage we have to report as follows:—The practical work has been fairly well done, but the written statements accompanying the results have been for the most part worthless; we, therefore, beg to suggest the following alterations:—

(1.) That a short written examination shall accompany the practical, consisting of about four questions, treating of the principles underlying the various analytical operations;

(2.) That the practical examination shall consist of qualitative analysis of two substances, each being a mixture of not more than two simple salts, the student being expected to have studied the list of substances as given in the amended syllabus.

(3.) That no books or analytical tables be allowed to be used in the examination.

"*Honours Examination.*—We here also propose the introduction in the practical examination of a paper of questions treating of the principles involved in the practical operations.

"Subject XI.—(Organic Chemistry.)

"*Elementary Stage* (*Theoretical*).—The results on the whole are very satisfactory, the per-centage having risen for the first class from 30 to 39, and the rejections having diminished from 31 per cent. to 22 per cent. We have no alteration to suggest with respect to the theoretical examination for this stage.

"*Elementary Stage* (*Practical Examination*).—We have to recommend that, in addition to the questions now given, candidates be required to prove by actual analysis of, say, two solutions, their knowledge of the reactions of certain specific substances.

Advanced Stage (*Theoretical*).—We are glad to be able to note a very marked improvement in the answers given in this stage, the first classes having risen from 15·8 per cent. to 38·6 per cent., the rejections, however, remaining much the same.

"We have no alterations of importance to recommend in this stage.

"*Advanced Stage* (*Practical Examination*).—In this stage also we have to suggest the introduction of a written examination.

"*Honours Examination*.—The remarks which we have made with regard to Honours in Subject X. apply with equal cogency in Subject XI. We propose to introduce in like manner a written examination in the practical examination for Honours in this subject."

Mr. Bristow, the examiner in Geology, says,—

"1,241 Elementary papers, 216 Advanced papers, and 17 Honours papers, in all 1,474, have been examined by myself and Mr. Whitaker, the assistant examiner.

"These figures show, as compared with last year's, a decrease of 94 in the Elementary papers, of 64 in the Advanced, and of 9 in the Honours; or in all, of 167 papers.

"The following table shows the result of the examination in absolute numbers and percentages:—

"Elementary.

First class - - - -	158	or 12·73 per cent.
Second class - - -	752	„ 60·59 „
Total passed - - -	910	„ 73·32 „
„ failed - - -	331	„ 26·68 „
	1,241	100·00

"Advanced.

First class - - - -	4	or 1·85 per cent.
Second class - - -	89	„ 41·2 „
Total passed - - -	93	„ 43·05 „
„ failed - - -	123	„ 56·95 „
	216	100·00

"*Elementary Stage*.—The chief subject for notice in these papers (which form the great majority) is the marked improvement shown when compared with those of past years. This probably is due to a corresponding improvement in the teaching, which it is to be hoped may continue.

. . . . . .

"*Advanced Stage*.—The very great improvement noticed last year in these papers has not been maintained, and they have gone back to something like their old character. Many papers, however, begin very well, but fall off in their later answers, and so fail to pass in the first class.

. . . . . .

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"*Honours Stage.*—It is really wonderful to see the great ignorance shown by some of the candidates, whose papers indeed are vastly inferior to those of many in the advanced stage, and even of some of the elementary.

"Though some few candidates show a fair amount of knowledge, yet they fail as a rule in giving anything like complete answers to the questions."

Mr. Rutley, the examiner in Mineralogy, says,—

"The teaching in some schools appears to be good.

. . . . . .

"The papers in the advanced stage, only nine in all, comprise several which are decidedly good, but here, as in the elementary series, there appears to be very little familiarity with the minerals themselves. It is probable that in many instances the teachers do not give their pupils free access to specimens of even the commonest minerals.

"There is but one honours paper this year. It is an exceedingly good one."

Prof. Huxley and Dr. Michael Foster, the joint examiners in Animal Physiology, say,—

Animal Physiology.

"In the elementary stage, the answers this year did not materially differ in quality from those of the last and preceding years. Some of the 'bad schools' were exceedingly bad; on the other hand some of the 'good schools' gave evidence of careful satisfactory teaching; and on the whole such difference as was manifested between this and past years was in the direction of improvement.

"In the advanced stage distinct progress was, we think, visible; not only were the papers indicating wholly inadequate preparation much fewer than usual, but the great mass of the answers showed that the candidates had been carefully and intelligently taught. We still find it difficult, however, to put a large number in the first class; this we believe is caused in many cases by the insufficient preparation of the teachers themselves. The knowledge which has sufficed to carry the teacher himself in some preceding year through the second class of the advanced stage, is not enough to enable him to pass his pupils through the first class of the same stage in succeeding years. We find too often that the answers in the advanced stage are merely repetitions of the better class of answers in the elementary stage, extended to a greater length by mere diffuseness of statement. Now the published syllabus clearly indicates a marked difference between the knowledge demanded in the elementary stage and that required for the advanced stage; and until the teachers fully realise this, they will continue to fail in passing any large number of their pupils through the first class of the advanced stage. We are inclined to think that many of the teachers might with profit confine themselves to preparing their pupils for the elementary stage only, and entrust their advanced pupils to other hands.

"Twenty-nine papers were sent up in the honours examination. Of these the majority were, as usual, absolutely inadequate; three showed sufficient merit to gain a second class; and one paper of remarkable ability gained very high marks, and was, of course, placed in the first class.

General Biology.

"The papers in the elementary stage were few in number, but on the whole very good. The rejections were exceedingly few, and the number of papers which gained fully half marks was very large. The majority of papers however seemed to have been written, not by candidates who were beginning the study of biology, but by those who had already paid some considerable attention either to botany on the one hand or to animal morphology and physiology on the other. Hence in many instances the writer having answered the first four compulsory questions, which were partly botanical and partly zoological, confined himself or herself in the remaining four answers, to either

botanical or zoological questions exclusively, so that he or she passed on the strength of two questions relating to vegetable or to animal life as the case may be, an examination which is nominally one of general biology. We do not see how this result is to be prevented, and it is undoubtedly an advantage that those who are studying one great division of living beings should be encouraged to acquire even a small knowledge of the other great division; but we should like to see more evidence of the employment of the study of elementary biology as an introduction to more advanced studies in either vegetable or animal life, and not used so much as a means to enable a candidate with little additional exertion to pass an additional examination.

"The papers in the advanced stage were, as usual, few in number, and of the same character as in former years.

"No papers at all were sent up in honours in this branch."

Mr. W. T. Thiselton Dyer, the examiner in Elementary Botany, says,—

"*Elementary Botany.*—In Subject XV. 2,100 papers have this year been examined, showing a considerable increase in the number of students taking up the subject over previous years. Of this total number—

1,761 were Elementary.
329 ,, Advanced.
10 ,, Honours.

"The chief increase was in the elementary stage. Of the papers sent the results in percentages, working on the standards laid down by the Department, were as follows:—

First Class - - -	- 9·14.
Second Class - - -	- 49·51.
Failed - - - -	- 41·34.

"This agrees pretty closely with the results in 1879. In 1880 the figures were more satisfactory, but in each of the years 1881 and 1882 they have progressively and in every particular deteriorated. Yet the type of paper set and the mental standard adopted by the examiner has, as far as possible, been kept at the same level.

"In the advanced stage there are considerably more rejections than last year, which may be attributed to one of the plants given for description. But the whole batch of papers was of pretty average quality as compared with preceding years.

"It is probable that from year to year there is considerable fluctuation in the schools which send up candidates for examination in Elementary Botany. It is, however, plainly evident that in each year many of the teachers are quite incompetent to teach the subject. They seem to content themselves, in fact, with teaching a minimum in the most mechanical manner possible, and obviously (from the uniformity of answering) out of some inefficient manual, compiled as a merely commercial venture by a person more or less ill-informed as to the fundamental principles of the subject. It is, of course, far from desirable that pupils should be crammed with every new view. But there is now in the hands of the best teachers a body of accurate modern information on botanical subjects which, if the teachers were competent, should find its way to the elementary classes. As a general rule, the character of the answering rests on the knowledge of a quarter of a century back with an awkwardly adjusted veneer of modern lights derived from such a book as Huxley and Martin's Elementary Biology. This state of things must always be more or less irremediable till the work the Department is doing in training the teachers themselves gradually effects a leavening of the whole mass. In the meantime a great improvement would be effected if groups of centres where scientific instruction is given would combine to secure the help of really efficient teachers with an aptitude to instruct in particular subjects, rather than a general disposition to undertake any in which they think they see a prospect of earning a grant.

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"There is one part of the subject which even with existing organization might be much better taught than it is with the application of a little more industry and intelligence. If the candidates would only describe their plants more methodically and accurately, a much larger percentage of the papers could be passed. It cannot be doubted that to learn accurately to describe in all its parts a fresh specimen of a plant not merely involves an intelligent understanding of a large part of the essential facts of Elementary Botany, but is a very valuable educational training. It is not so easy without some practice to go through in proper order every part of a specimen and describe in technical language—which is merely using words with condensed meaning—all that is essential in the position, form, and texture of the different parts. The disposition of anyone unaccustomed to the task is to omit or to slur over some points. The successful satisfaction of the test not merely enables the examiner to see that the rudiments of plant structure are properly apprehended, but it is a proof that the candidate has been drilled in attentive observation and obliged to grasp a series of detailed facts in proper order before drawing any conclusion from them.

"It has been laid down that a really adequate botanical description ought to enable a person accustomed to the task to actually construct a representation of the plant described. Some such ideal the teachers might bear in mind, remembering at the same time that nothing is gained by prolixity. The excellence of a description is measured by the *aptitude* of the words used, and as long as nothing is omitted, the fewer words used, the better.

"A very large proportion of the candidates have no notion of writing a proper description at all. A very common fault is to draw out "Schedules" and send these up with a few vague words added about the leaves, &c. Sometimes even the leaves are described in the schedular form. But "Schedules" are nothing more than memoranda for anyone preparing a description. Candidates may draw them out, if they please, on a blank page, but they cannot be accepted as any part of a proper description.

"This year the two plants set in the elementary stage were the hawthorn (*Cratægus*) and daisy (*Bellis*). Two more familiar plants could hardly have been selected. Indeed it is tolerably certain that in most of the classes their floral structure must have been described to the pupils. With the hawthorn the candidates accordingly acquitted themselves pretty fairly. But in the case of the daisy there was great blundering. The structure of the inflorescence was generally misunderstood and described as if it were a flower, the involucre being treated as a calyx, and the florets of the ray as petals.

"In the advanced stage a composite plant was also set, and was fairly described on the whole. The second plant given in this stage was the common vernal grass (*Anthoxanthum*), a description of which is to be found in all the text-books. But the vernal grass was as disastrous to the advanced stage as the daisy to the elementary. A large proportion of the candidates were evidently in total ignorance as to the structure of the Gramineous inflorescence.

"The distribution of fresh specimens has this year attained very large dimensions. Something like 5,000 were sent out, a slight excess on the number asked for being usually added as a precaution. I have heard of no complaints as to the condition in which the specimens arrived, and, judging from the worked papers, it was adequate to the purpose for which they are intended.

"The candidates sometimes complain of the shedding of the petals *in transitu*. Superintendents of examinations should always fairly distribute with the specimens any parts which have become detached. The candidates, if they are at all prepared to examine plants botanically, will not be seriously embarrassed by the circumstance which merely anticipates the separation of the several parts which must be made in the process of description.

"The answering to the questions in the elementary stage displays a good deal of evidence of cramming and teaching directed to a minimum of the subject.

* * * * * * * * * * * * * * *

"With regard to the advanced stage, much the same criticisms apply. There is not, for the most part, fair evidence of the results of another year's study of the subject, though the descriptions of the plants are more intelligently done. Any question making the smallest demands on reflection, or going the least beyond the most beaten track, is never attempted, or but by a very limited number. The Honours examination is and always has been a complete failure. Only one candidate this year showed any trace of capacity to deal with the questions. It never seems to dawn upon the candidates that an Honours examination is meant to test the result of a course of Honours reading. As it is, the candidates not merely do not answer the questions, but for the most part have evidently not a glimpse of a notion of the points they are aimed at.

"On the whole, the general impression derived from the examination is that the instruction to a large extent is extremely superficial. There is an indisposition to ground the pupils in fundamental facts, but on the contrary a desire to run off to any taking popular points, the real educational value of which entirely depends on the underlying principles, which are apparently slurred over. Glib accounts of cross-fertilization, for example, are of little value if the *raison d'être* of the whole business is not understood; and the mechanism of climbing cannot be appreciated properly unless the nature of plant growth is first comprehended.

"I am disposed to think that the time has come when the syllabus might be revised, so as to bring the fundamental parts of the subject into greater prominence. But this matter must be reserved for a further communication.

"*Vegetable Morphology.*—The papers in this subject continue to show little, if any, improvement. The majority of the candidates appear to have striven to master the mere contents of text books without attempting to acquire any genuine knowledge of the actual structure of different vegetable types.

"No improvement can be hoped for till the teachers realise the necessity of a radical change in their method of instruction."

Mr. H. Bauerman, the examiner in Principles of Mining, says,—

"Both Elementary and Honours papers are as a whole of a very moderate quality, but the advanced are rather better than usual."

"In the Honours list, five papers have been marked to pass; one of these, is of distinctly higher merit than the others."

Dr. Woolley, the examiner in Navigation and Nautical Astronomy, says,—

"There is the usual difference of accuracy in the definitions so often before remarked upon in the candidates from different schools. It cannot be too much insisted on, that an accurate knowledge and appreciation of first principles is essential to a real grasp of the subject, such as will enable the student to feel at home in it. One set of papers was worked out with the use of the natural sines, &c. No such method is taught in any of the books, and is incompatible with rapid work combined with accuracy. No marks will in future be assigned to answers obtained in such a manner.

"On the whole, the questions have been answered very fairly, and most of the candidates show a competent knowledge of the principles. The attention of teachers is called to a new method of clearing the lunar distance by Sir George Biddell Airy (late Astronomer Royal) which is sold for a few pence by J. D. Potter, 31, Poultry. This method is very ingenious and simple, and is free from the chance of error which besets all the received methods of clearing the distance, and is destined to a cordial welcome at sea as soon as its merits become more extensively known than at present."

Prof. Goodeve, the examiner in Steam, says,—

"In reference to the examination of candidates in subject 'Steam, I have to observe that in a large proportion of the schools, the preparation in an

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elementary but sound knowledge of the physical properties of steam is imperfect. Inasmuch as there are several cheap books in which such an elementary course of instruction is to be found, I think that it is incumbent on teachers to pay more attention to this branch of the subject.

"I have also to call attention to the importance of accuracy in freehand sketching. There has been considerable improvement in this respect, but it is very apparent that in many instances the students have not been sufficiently exercised in setting out by freehand sketches, as distinguished from careful drawings, the working parts which they may be fairly called upon to describe."

Prof. Judd and Mr. Norman Lockyer, the examiners in Physiography, say,—

"The number of candidates presenting themselves for examination in 1882 was almost the same as in 1881, there being a slight decrease in the number of elementary papers, and an increase in the number of Advanced and Honours papers.

"The results of the examination show that the steady improvement which was chronicled last year has been more than maintained during the present one. Among the Elementary papers there are 59 per cent. of passes, as compared with 58 per cent. last year. In the case of the Advanced papers, the proportion of passes has risen from 60 to 62 per cent. Of first-classes the proportion among the Elementary papers is somewhat greater, and among the Advanced somewhat less than last year. The 68 Honours papers are very far from satisfactory, and we must repeat the advice which we gave last year, that teachers should discourage ill-prepared students from attempting the questions in the highest stage of the examination.

"There are still certain schools in which the whole of the papers are so utterly bad that it is impossible to avoid the conclusion that the teaching must have been of the very feeblest character. It is satisfactory, however, to be able to add that the number of such cases is certainly diminishing every year.

"Constantly repeated errors still prove that teachers are not sufficiently careful in avoiding misleading statements and illustrations in their lessons. In many cases winds are said to be the result of the production of a vacuum, and a large proportion of the candidates still fail to distinguish between elementary and compound bodies. The fact that in a great number of the papers the long days and nights of the polar regions are ascribed to the slow movement of the polar as compared with the equatorial districts, shows a lamentable want of teaching in a very important branch of the subject. The blunders made in describing the organisms by which coral-reefs are formed prove that the majority of the teachers could not have any intelligent ideas upon the subject themselves.

"The Advanced papers show that many teachers have not carried their studies beyond the crude and inaccurate statements found in some of the older works on physical geography. The Honours papers have been attempted by many candidates who have proved themselves to be utterly unprepared to understand even the terms of the questions.

"So much misunderstanding is still displayed concerning the nature and mode of use of the simplest meteorological instruments, that it is well worthy of consideration whether the managers of schools might not be encouraged and assisted to procure a set of the simplest forms of such instruments, such, for example, as a barometer, a maximum and minimum-thermometer, a wet-and-dry bulb hygrometer, with tables, and a rain-gauge. It is evident that, at present, many teachers and scholars have no practical acquaintance with such instruments."

Prof. Tanner, the examiner in Principles of Agriculture, says,—

"The general results of this examination show a small increase in the number of worked papers sent in, as compared with those of last year.

"Examination Papers sent in from—

——	1881.	1882.
England and Wales -	2,014	2,679
Scotland - - -	369	449
Ireland - -	2,013	1,551

"There has thus been a total increase of 283 papers, but this small number results, in some degree, from the increase of 745 from England and Scotland, having been reduced by a decrease of 462 in the number of papers sent from Ireland. The increase in the number of the English and Scotch papers is not as large as it was in 1881, when an advance was made of 1,175; but the numbers are more fully shown in the following statement:—

"Examination Papers sent in—

——	England and Scotland.				Ireland.			
	Elementary.	Advanced.	Honours.	Total.	Elementary.	Advanced.	Honours.	Total.
1880	717	456	35	1,208	1,499	317	34	1,850
1881	1,437	855	91	2,383	1,558	415	40	2,013
1882	1,726	1,235	167	3,128	1,238	275	38	1,551

"In reporting upon the quality of the work done in this examination, it is still absolutely necessary to divide the papers into districts, as on previous occasions. The following table shows the per-centage results for the present, and the two preceding years:—

"Per-centage Results of the Examination.

"Elementary Stage.

——	England and Scotland.				Ireland.			
	First Class.	Second Class.	Failed.	Total examined.	First Class.	Second Class.	Failed.	Total examined.
1880	22·7	56·7	20·6	717	11·8	67·5	20·7	1,499
1881	27·62	51·21	21·15	1,437	13·22	55·9	30·87	1,558
1882	16·8	65·82	17·38	1,726	13·36	69·52	17·12	1,238

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"Advanced Stage.

—	England and Scotland.				Ireland.			
	First Class.	Second Class.	Failed.	Total examined.	First Class.	Second Class.	Failed.	Total examined.
1880	32·3	59·3	17·4	456	7·3	66·5	26·5	317
1881	31·46	62·69	5·84	855	9·39	71·32	19·27	415
1882	30·93	57·17	11·9	1,235	8·	68·72	23·28	275

"It will thus be seen that there is still a great difference in the quality of the work done in the science classes in Ireland as compared with those in England and Scotland, and this is especially the case in the advanced stage. There are, however, some examples of marked success amongst the Irish classes, showing by their contrast the necessity, which too generally exists, for more advanced instruction amongst their teachers.

"In making reference to the examination papers generally, it may be desirable for me to draw attention to the great differences observable in the several classes—differences which chiefly arise from variations in the knowledge and capabilities of the teachers. The excellent work done in some of the classes—English, Scotch, and Irish—when viewed from a practical standpoint, represents wealth-producing power of no small value to the nation, and the question naturally arises on the mind, why should not these very desirable results become the rule, and not the exception? This is obviously a result which is largely determined by the education of the teachers.

"A practice which is sadly too common, is that of learning answers to somewhat similar questions (probably taken from previous examinations), and using these when an opportunity offers. These answers very rarely meet the requirements of the question, and the candidate therefore fails to gain the marks belonging to a proper reply. I do not condemn the practice of writing replies to previous examination questions, for I am well aware of the fact that an ability to communicate the knowledge possessed is improved by such practice, but it appears to me desirable for teachers to be reminded that, for their own interests, such a practice should never supersede clear and intelligent instruction upon the subject, and that substituted answers must lead to disappointment.

"A second cause of loss of marks arises from want of care, whereby some portion—possibly half—of the question remains untouched. The idea appears to be rather common, that marks will be given to the answers somewhat in proportion to their length. Hence, one portion of a question is often replied to, and much additional matter is joined on, which is perfectly unnecessary and often quite unconnected with the question, whilst another portion of the question is at the same time entirely overlooked. Hence the importance of a full and *complete* answer may, I consider, be usefully drawn attention to. Another cause of loss is closely connected with this, for many a fairly correct answer is reduced in value by errors appearing in such additional matter, and which has evidently been added, simply in order that the length of the reply may be increased. A well expressed and concise reply, provided it be full and complete in its character, is rather to be recommended. Both of these cases arise in what are evidently fairly well taught classes, and the students thus unconsciously cause even good teachers a serious loss.

"With all the imperfections and errors unavoidably associated with this work, for which only a small portion of the teachers have received any systematic training, three is still a strong current of sound and valuable information being distributed throughout the country by means of the science classes for the principles of agriculture. The standard of merit now ranges fairly high, and those who have gained awards have certainly deserved them. The success which has attended this subject (now only in its seventh year of adoption) is, in my opinion, most satisfactory, for throughout the kingdom its influence is being felt, and many of the earlier students are now recognised by the public as useful in the promotion of agricultural science. Another beneficial result which is arising from these science classes for the principles of agriculture, is the desire, which is often established by their instrumentality, for instruction in other branches of science, the study of which has thus been proved to be useful, if not actually necessary. Thus the study of the principles of agriculture is not only attractive by reason of its obvious utility, but it is also a pioneer for associated sciences.

"The work done in the honours stage is exceedingly good, and the results as follows :—

"Honours Stage.

—	England and Scotland.				Ireland.			
	First Class.	Second Class.	Failed.	Total examined.	First Class.	Second Class.	Failed.	Total examined.
1880	4	15	16	35	6	15	13	34
1881	11	36	44	91	1	9	30	40
1882	11	58	98	167	2	9	27	38

"The successful papers in this stage show a very high degree of merit, and much careful study, and they are thoroughly worthy of the distinguished position thus awarded to them.

The following tables give the details of the results of the examination. The first table gives those for 1882 compared with those for 1881 in absolute numbers. The second table gives the same in per-centages :—

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TABLE showing the DETAILS of SUCCESSES and FAILURES in each STAGE of each SUBJECT.

The figures in italics relate to the examinations in the previous year, 1881.

—	Advanced Stage.				Elementary Stage.			
	1st Class.	2nd Class.	Failures.	Total.	1st Class.	2nd Class.	Failures.	Total.
I. Practical, Plane, and Solid Geometry	96 *85*	249 *251*	170 *250*	515 *586*	612 *357*	992 *941*	1,128 *1,327*	2,732 *2,625*
II. Machine Construction and Drawing	235 *276*	459 *453*	507 *464*	1,201 *1,193*	583 *640*	2,072 *2,008*	1,825 *1,341*	4,480 *3,989*
III. Building Construction	98 *186*	517 *376*	153 *101*	768 *663*	498 *488*	1,187 *1,189*	629 *657*	2,314 *2,304*
IV. Naval Architecture	2 *36*	42 *37*	7 *2*	51 *75*	24 *26*	94 *42*	34 *15*	152 *83*
V. Pure Mathematics	See following Table.							
VI. Theoretical Mechanics	22 *26*	100 *95*	94 *90*	216 *211*	312 *335*	737 *748*	567 *738*	1,616 *1,821*
VII. Applied Mechanics	84 *78*	243 *241*	175 *84*	502 *403*	274 *426*	757 *650*	409 *291*	1,440 *1,367*
VIII. Sound, Light and Heat	229 *102*	436 *362*	166 *214*	831 *678*	749 *940*	1,544 *1,358*	1,362 *1,115*	3,655 *3,413*
IX. Magnetism and Electricity	140 *142*	851 *1182*	612 *391*	1,603 *1,715*	2702 *2267*	4,501 *4,367*	1,653 *1,775*	8,856 *8,409*
X. Inorganic Chemistry	81 *115*	519 *523*	423 *300*	1,023 *938*	1614 *1226*	2,646 *2,604*	1,708 *1,469*	5,968 *5,299*
X. „ Practical Examination.	273 *208*	311 *263*	267 *242*	851 *713*	588 *682*	1,262 *774*	454 *251*	2,304 *1,707*
XI. Organic Chemistry	8 *22*	33 *37*	14 *16*	55 *75*	103 *55*	106 *71*	52 *49*	261 *175*
XI. „ Practical Examination.	38 *54*	46 *29*	36 *17*	120 *100*	45 *22*	63 *38*	41 *23*	149 *83*
XII. Geology	4 *20*	89 *189*	123 *71*	216 *280*	158 *91*	752 *747*	331 *507*	1,241 *1,335*
XIII. Mineralogy	3 —	2 *4*	4 *4*	9 *8*	12 *9*	33 *20*	19 *19*	64 *48*
XIV. Animal Physiology	109 *88*	673 *634*	355 *501*	1,137 *1,223*	335 *325*	2,829 *2,597*	1,840 *1,672*	5,004 *4,894*
XV. Elementary Botany	18 *18*	148 *156*	163 *62*	329 *235*	161 *241*	872 *953*	728 *436*	1,761 *1,630*
XVI. & XVII. General Biology XVI.	2	6	—	8	19	70	23	112
XVII.	1	5	5	11				
XVI.	*1*	*6*	*5*	*12*	25	56	56	137
XVII.	*1*	*5*	*7*	*13*				
XVIII. Principles of Mining	9 *3*	28 *14*	11 *17*	48 *34*	41 *25*	93 *141*	35 *39*	169 *205*
XIX. Metallurgy	17 *12*	52 *51*	4 *12*	73 *75*	59 *37*	108 *110*	22 *12*	189 *159*
XX. Navigation	16 —	53 *66*	13 *25*	82 *91*	65 *98*	133 *104*	44 *37*	242 *239*
XXI. Nautical Astronomy	1 *1*	12 *6*	3 *11*	16 *18*	22 *19*	20 *21*	5 *5*	47 *45*
XXII. Steam	71 *60*	218 *178*	53 *36*	342 *274*	237 *295*	487 *491*	232 *145*	956 *931*
XXIII. Physiography	56 *67*	285 *240*	210 *199*	551 *506*	590 *468*	1,912 *2,088*	1,750 *1,852*	4,252 *4,408*
XXIV. Principles of Agriculture	404 *308*	898 *832*	207 *130*	1,509 *1,270*	452 *603*	1,993 *1,607*	520 *785*	2,965 *2,995*
Total	2,017 *1,909*	6,275 *6,229*	3,775 *3,251*	12,067 *11,389*	10255 *9,690*	25,263 *23,695*	15,411 *14,616*	50,929 *48,001*

—	Stages.	1st Class.	2nd Class.	Failures.	Total.
V. Pure Mathematics	1	868	4,118	4,589	9,575
		1,286	*4,104*	*4,223*	*9,613*
	2	367	834	412	1,613
		254	*741*	*591*	*1,586*
	3	38	96	112	246
		20	*92*	*113*	*225*
	4	10	46	45	101
		9	*52*	*39*	*100*
	5	4	7	5	16
		3	*8*	*3*	*14*
	6	8	7	8	23
		4	*13*	*9*	*26*
	7	1	—	—	1
		1	*2*	*1*	*4*
Total	—	1,296	5,108	5,171	11,575
	—	*1,577*	*5,012*	*4,979*	*11,568*

TABLE showing the PER-CENTAGES of SUCCESSES and FAILURES in each STAGE of each SUBJECT.

The figures in italics relate to the examinations of the previous year, 1881.

—	Advanced Stage.			Elementary Stage.		
	1st Cl.	2nd Cl.	Failures.	1st Cl.	2nd Cl.	Failures.
I. Practical, Plane, and Solid Geometry	18·64	48·35	33·00	22·40	36·31	41·29
	14·50	*42·83*	*42·66*	*13·60*	*35·84*	*50·56*
II. Machine Construction and Drawing	19·56	38·22	42·21	13·00	46·25	40·74
	23·13	*37·97*	*38·89*	*16·04*	*30·34*	*53·61*
III. Building Construction	12·76	67·31	19·92	21·52	51·29	27·18
	28·05	*56·71*	*15·23*	*21·18*	*50·30*	*28·51*
IV. Naval Architecture	3·92	82·35	13·72	15·79	61·84	22·36
	48·00	*49·33*	*2·66*	*31·32*	*50·60*	*18·07*
V. Pure Mathematics	See following Table.					
VI. Theoretical Mechanics	10·18	46·29	43·52	19·31	45·60	35·08
	12·32	*45·02*	*42·65*	*18·39*	*41·07*	*40·53*
VII. Applied Mechanics	16·73	48·40	34·86	19·02	52·57	28·40
	19·35	*59·30*	*20·34*	*31·16*	*47·53*	*21·28*
VIII. Sound, Light and Heat	27·56	52·46	19·97	20·49	42·24	37·26
	15·04	*53·39*	*31·56*	*27·54*	*39·78*	*32·67*
IX. Magnetism and Electricity	8·73	53·08	38·18	30·51	50·82	18·66
	8·28	*68·92*	*22·79*	*26·96*	*51·93*	*21·10*
X. Inorganic Chemistry	7·91	50·73	41·35	27·05	44·32	28·62
	12·26	*55·76*	*31·98*	*23·13*	*49·14*	*27·72*
X. „ Practical Examination	32·08	36·54	31·37	25·52	54·77	19·70
	29·17	*36·88*	*33·94*	*39·93*	*45·34*	*14·70*
XI. Organic Chemistry	14·54	60·00	25·45	39·46	40·61	19·93
	29·33	*49·33*	*21·33*	*31·42*	*40·57*	*28·00*
XI. „ Practical Examination	31·66	38·33	30·00	30·20	42·28	27·51
	54·00	*29·00*	*17·00*	*26·50*	*46·78*	*27·71*
XII. Geology	1·85	41·20	56·94	12·73	60·59	26·67
	7·14	*67·50*	*25·35*	*6·06*	*55·95*	*37·97*
XIII. Mineralogy	33·33	22·22	44·44	18·75	51·56	29·68
	—	*50·00*	*50·00*	*18·75*	*41·66*	*39·58*
XIV. Animal Physiology	9·56	59·19	31·22	6·69	56·53	36·77
	7·19	*54·83*	*40·96*	*7·07*	*56·53*	*36·39*
XV. Elementary Botany	5·47	44·98	49·54	9·14	49·51	41·34
	7·66	*65·95*	*26·38*	*14·78*	*58·46*	*26·74*

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—		Advanced Stage.			Elementary Stage.		
		1st Cl.	2nd Cl.	Failures.	1st Cl.	2nd Cl.	Failures.
XVI. & XVII. General Biology	XVI.	25·00	75·00	—	16·96	62·50	20·53
	XVII.	9·09	45·45	45·45			
	XVI.	*8·33*	*50·00*	*41·66*	*18·24*	*40·87*	*40·87*
	XVII.	*7·69*	*38·46*	*53·84*			
XVIII. Principles of Mining		18·75	58·33	22·91	24·26	55·03	20·71
		8·82	*41·17*	*50·00*	*12·19*	*68·78*	*19·02*
XIX. Metallurgy		23·28	71·73	5·48	31·21	57·14	11·64
		16·00	*68·00*	*16·00*	*23·27*	*69·18*	*7·54*
XX. Navigation		19·51	64·63	15·85	26·86	54·95	18·18
		—	*72·52*	*27·47*	*41·00*	*43·51*	*15·48*
XXI. Nautical Astronomy		6·25	75·00	18·75	46·81	42·55	10·64
		5·55	*33·33*	*61·11*	*42·22*	*46·66*	*11·11*
XXII. Steam		20·76	63·74	15·49	24·79	50·94	24·27
		21·89	*64·96*	*13·14*	*31·68*	*52·73*	*15·57*
XXIII. Physiography		10·16	51·72	38·11	13·87	44·96	41·16
		13·24	*47·43*	*39·32*	*10·61*	*47·36*	*42·01*
XXIV. Principles of Agriculture		26·77	59·51	13·71	15·24	67·21	17·54
		24·25	*65·51*	*10·23*	*20·13*	*53·65*	*26·21*
Total		16·71	52·00	31·28	20·13	49·60	30·25
		16·76	*54·69*	*28·54*	*20·18*	*49·36*	*30·45*

—	Stages.	1st Class.	2nd Class.	Failures.
V. Pure Mathematics	1	9·06	43·01	47·92
		13·37	*42·69*	*43·93*
	2	22·75	51·70	25·54
		16·01	*46·72*	*37·26*
	3	15·44	39·02	45·53
		8·88	*40·89*	*50·22*
	4	9·90	45·54	44·55
		9·00	*52·00*	*39·00*
	5	25·00	43·75	31·25
		21·42	*57·14*	*21·43*
	6	34·78	30·43	34·78
		15·38	*50·00*	*34·61*
	7	100·00	—	—
		25·00	*50·00*	*25·00*
Total	—	11·19	44·13	44·67
	—	*13·63*	*43·32*	*43·04*

The Science Classes in Training Colleges were examined in the week ending 9th December, 1882. I am glad to be able to report that the improvement in the results of the examination of the last two years has been maintained; and as will be seen from the subjoined table, about 75 per cent. of the papers sent in obtained a 1st or 2nd class. Examinations were held at 39 colleges, being two more than in 1881, and a total of 112 classes were examined. The number of worked papers was 3,723, of which 511 were placed in the 1st class, 2,281, in the 2nd class, and 931 were failures. The corresponding numbers in 1881 were 3,435, 395, 2,089, and 951.

2. (*b*). RESULTS of the TRAINING COLLEGE SCIENCE EXAMINATIONS, December 1881 and 1882.

	1881.	1882.
Number of Colleges examined - - - -	37	39
„ of Classes „ - - - -	105	112
„ of individuals successful - - -	1,521	1,979
Number of Papers worked in :—		
Subject.		
V. Pure Mathematics - - -	102	85
VI. Theoretical Mechanics - - -	46	11
VII. Applied Mechanics - - -	3	—
VIII. Sound, Light and Heat - - -	532	544
IX. Magnetism and Electricity - -	570	708
X. Inorganic Chemistry - - -	201	258
X. „ „ (Practical) - -	117	134
XIV. Animal Physiology - - -	600	519
XV. Elementary Botany - - -	497	523
XXIII. Physiography - - - -	767	872
XXIV. Principles of Agriculture - -	—	69
Total number of Papers worked - -	3,435	3,723
Number of 1st class - - - - -	395	511
Number of 2nd class - - - - -	2,089	2,281
Number of Failures - - - - -	951	931
Total number of Papers worked - -	3,435	3,723

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TABLE showing the Details of Successes and Failures in each Subject.

The figures in italics relate to the examinations of the previous year, 1881.

Subjects.	1st Class.	2nd Class.	Failures.	Total.
V. Pure Mathematics	20 *3*	46 *64*	19 *35*	85 *102*
VI. Theoretical Mechanics	4 *11*	6 *20*	1 *15*	11 *46*
VII. Applied Mechanics	— —	— *2*	— *1*	— *3*
VIII. Sound, Light and Heat.	19 *55*	363 *412*	162 *65*	544 *532*
IX. Magnetism and Electricity	139 *108*	471 *381*	98 *81*	708 *570*
X. Inorganic Chemistry	26 *34*	157 *121*	75 *46*	258 *201*
X. „ „ (Practical)	52 *29*	58 *49*	24 *39*	134 *117*
XIV. Animal Physiology	89 *32*	294 *321*	136 *247*	519 *600*
XV. Elementary Botany	32 *30*	354 *297*	137 *170*	523 *497*
XXIII. Physiography	109 *93*	488 *422*	275 *252*	872 *767*
XXIV. Principles of Agriculture	21 —	44 —	4 —	69 —
Total	511 *395*	2,281 *2,089*	931 *951*	3,723 *3,435*

TABLE showing the Per-centages of Successes and Failures in each Subject.

The figures in italics relate to the examinations of the previous year, 1881.

Subjects.	1st Class.	2nd Class.	Failures.
V. Pure Mathematics -	23·53	54·11	22·35
	2·94	*62·75*	*34·31*
VI. Theoretical Mechanics	36·36	54·54	9·09
	23·91	*43·48*	*32·61*
VII. Applied Mechanics -	—	—	—
	—	*66·66*	*33·33*
VIII. Sound, Light and Heat	3·49	66·73	29·78
	10·34	*77·44*	*12·22*
IX. Magnetism and Electricity	19·63	66·52	13·84
	18·95	*66·84*	*14·21*
X. Inorganic Chemistry	10·07	60·85	29·07
	16·91	*60·20*	*22·89*
X. „ „ (Practical)	38·80	43·28	17·91
	24·79	*41·88*	*33·33*
XIV. Animal Physiology -	17·15	56·64	26·20
	5·33	*53·50*	*41·16*
XV. Elementary Botany -	6·12	67·68	26·19
	6·04	*59·76*	*34·20*
XXIII. Physiography -	12·50	55·96	31·53
	12·13	*55·02*	*32·85*
XXIV. Principles of Agriculture	30·43	63·77	5·79
	—	—	—
Total -	13·72	61·27	25·00
	11·50	*60·81*	*27·69*

Short courses of training for Science teachers were given during the summer as in previous years at South Kensington, the course in 1882 being the first in the new Normal School of Science. The subjects &c., were as follows :—

Chemistry, 39 teachers; Electricity with Magnetism, 29 teachers; Physiology, 31 teachers; Mechanics, 27 teachers; Physiography, 29 teachers; Principles of Agriculture and Agricultural Chemistry, 25 teachers; and Metallurgy, 10 teachers.

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Col. Donnelly's Report.

The courses extended over 20 working days each. The teachers who were selected were reported to have worked well and to have derived great advantage from the instruction given.

The number of applicants for admission to the ordinary courses of the Normal School of Science and Royal School of Mines, South Kensington and Jermyn Street, as teachers in training was upwards of 150. Of these 11 were selected to attend the course in Chemistry, 10 in Physics, 10 in Mechanics, 8 in Biology, 8 in Geology, 4 in Metallurgy, 8 in Agriculture, and 7 in Mining.

Owens College, Manchester.—The number of applications from teachers in the neighbourhood of Manchester for the aid offered by the Minute of 5th June 1877 towards the expense of study in the laboratories of Owens College for the session 1882–3 was 4; of these applicants 1 afterwards declined to fulfil the conditions and the remaining 3 are at present at work at Owens College.

Firth College, Sheffield.—Applications were received from 10 teachers, the whole of these are at present at work in the classes, and a favourable report of their industry and progress has been received from the authorities of the college.

Mason College, Birmingham.—Applications were received from 5 teachers; of these applicants 3 were either found to be ineligible to receive aid under the Minute or afterwards declined to fulfil the conditions; and with reference to the remaining 2, favourable reports of their progress at the college have been received.

Yorkshire College, Leeds.—The Minute of 5th June 1877 having been extended to this college the result is as follows:—Applications were received from 10 teachers; of these, 6 afterwards declined to fulfil the conditions; the remaining 4 are now working in the laboratories of the college and a favourable report of their progress has been received.

The number of competitors for the Royal Exhibitions to the Normal School of Science and Royal School of Mines, London, and the Royal College of Science, Dublin, was 51 in 1882 as compared with 43 in 1881. The Royal Exhibitioners continue to take high places at the sessional examinations of the two institutions in competition with the general body of students.

The local exhibitions, formed by a local contribution of 25*l.*, supplemented by the grant of an equal sum from the parliamentary vote, were last year 14. The number of Science and Art and elementary school scholarships granted in 1882 were 95 and 81 respectively as compared with 73 and 65 in 1881. This increase in the numbers of the preceding years is chiefly due to the Scholarship scheme being taken up by the Manchester and other School Boards.

The grants towards the purchase of apparatus amounted to 1,170*l.* 0*s.* 11*d.*

In 1881 the amount was 497*l.* 13*s.* 2*d.*

The number of candidates for the scholarships founded by Sir Joseph Whitworth was last year 62 as compared with 37 in 1881; 43 passed in the essential theoretical subjects.

A short historical sketch showing the working of the Whitworth Scholarship endowment may be of interest. These scholarships were founded by Sir Joseph Whitworth in 1868, when 60 exhibitions of 25*l.* each were given to various educational institutions to be awarded to deserving students to enable them to prepare themselves for the first scholarship competition in 1869. In this year, and each successive year up to 1873 inclusive, 10 scholarships of the value of 100*l.* a year each for three years were awarded. The competition was open to all Her Majesty's subjects under 26 years of age, and it consisted partly of examinations in certain specified theoretical subjects, and partly of tests

in practical workmanship, the marking being so arranged as to give as near as possible an equal chance to the highly qualified student and the skilled workman. A certain minimum of theoretical knowledge was required from the workman and of practical skill from the student, but all were left free to obtain this knowledge and skill in the way most convenient to themselves. Of the 50 scholars appointed under these rules 31 are now believed to be engaged in business or professional work, 11 in teaching, 2 are dead, and with reference to the remaining 6 the Department has no information.

From 1874 to 1878 six scholarships were awarded annually. The value of these scholarships was also 100*l.* a year as under the previous rules, but there were in addition a large number of prizes, ranging from 20*l.* to 200*l.* each, given from the endowment fund, the arrangements being such that it was possible for the same scholar to receive during his tenure of the scholarships a total amount of 800*l.* The limit of age on appointment was reduced to 22 years. Each candidate was required to have worked for at least two years in a mechanical workshop or drawing office, and no scholar was permitted to occupy any office of profit while holding his scholarship. The entire "student" class of competitors was practically shut out of the competition by the requirement of two years' workshop experience. 32 scholars (including two to fill vacancies) were appointed under these rules. Of these, 21 are now believed to be engaged in business or professional work, 4 are teaching, and the occupations of the remaining 7 are not known.

In 1879 eight scholarships of 125*l.* a year each for three years were awarded, the prizes being discontinued.

By the regulations adopted in 1880, and still in force, the scholarships have virtually been converted into prizes. 25 are given annually of values ranging from 200*l.* to 100*l.* each. They are tenable for one year only, and the limit of age for candidates has been again raised to 26 years. The competition is in theoretical subjects, with certain tests of knowledge of practical work, which knowledge all scholars are required to show they possess before they can be appointed.

The applications for the circulating collections of scientific apparatus have been very numerous. A list of the places to which the collections have been sent is given on p. 335.

Officers of the Royal Engineers were employed, as in previous years, in inspecting for the Science and Art Department. At p. 80 is a list of the candidates successful in obtaining Whitworth Scholarships in 1882. To these succeed at p. 81 a list of the Local Exhibitions and Scholarships. After which comes at p. 84 the list of Science Schools examined in May 1882, showing the number of students under instruction in 1881 and 1882, with the prizes and medals obtained by each school in those years, and the fees received from students during the session 1881–2. The table showing the classes, subjects taught, and number of students in each subject in the Science Schools in January 1883 is given at p. 124.

The table of payments on results of the examinations of Science Schools and classes in May will be found at p. 216, and an alphabetical list of teachers at p. 318.

The table of payments on the results of the Training College examination in December 1882 appears at p. 332.

(Signed) J. F. D. Donnelly.

Appendix B.

LIST OF ROYAL EXHIBITIONERS.

3. LIST of CANDIDATES who have been successful in obtaining ROYAL EXHIBITIONS of 50*l.* per Annum each for Three Years, and Free Admission to the Course of Instruction at the following Institutions :—

1. The NORMAL SCHOOL OF SCIENCE and ROYAL SCHOOL OF MINES, South Kensington and Jermyn Street, London.

Name.	Age.	Occupation.	Address.
Gibbens, George	19	Student	Leytonstone.
Walls, Isaac T.	22	Painter	Accrington.
Tomlinson, John H.	20	Apprentice	Newcastle-on-Tyne.
Wyatt, Herbert G.	16	Student	Bristol.

2. The ROYAL COLLEGE of SCIENCE, Dublin.

Name.	Age.	Occupation.	Address.
Firth, Abraham	21	Assistant Teacher	Stockport.
Sworn, Sidney A.	16	Student	Southampton.
Niblett, Harry E.	15	„	Cheltenham.

4. List of CANDIDATES successful in the Competition for the WHITWORTH SCHOLARSHIPS, 1882.

Name.	Age.	Occupation.	Address.	Value of Scholarships awarded.
				£
Webster, Charles	21	Apprentice	Crewe	200
Tomlinson, John H.	20	Apprentice	Newcastle-on-Tyne.	150
Beaman, James M.	25	Fitter	Woolwich	150
Turner, Thomas	25	Engineer	Sheffield	150
Selman, D. Codrington	25	Engineer	Bristol	150
Outon, Charles B.	22	Draughtsman	Stratford	150
Banister, George H.	25	Draughtsman	Woolwich	150
Lane, Frederick	23	Fitter	Woolwich	150
Laird, William D.	25	Engine Fitter	Crewe	150
Parry, Joseph	20	Engine Fitter	Manchester	100
Ravenshear, Albert F.	20	Apprentice	London	100
Carter, Charles W.	25	Brassfinisher	Liverpool	100
Barrow, Alfred	25	Fitter	London	100
King, Henry C.	22	Fitter	Swindon	100
Douglas, Malcolm	20	Apprentice	Crewe	100
Gardner, Thomas H.	20	Engineer	Manchester	100
Haine, Ernest E.	21	Engineer	London	100
Halliday, George	24	Engineer	Glasgow	100
Buckwell, George W.	18	Draughtsman	Brighton	100
Cochrane, Louis H.	21	Engineer	Liverpool	100
Duncanson, William	21	Engine Fitter	Stratford	100
Brown, Henry	23	Engineer	Dudley	100
Hatch, William T.	20	Apprentice	Liverpool	100
Carlyle, Thomas	20	Draughtsman	Woolwich	100
Hill Alfred J.	19	Draughtsman	Stratford	100

5. List of Local Scholarships and Exhibitions granted for the Year 1882–83.

Sch. No.	Town.	School.	No. held.	Name and Address of Correspondent.
ELEMENTARY SCHOOL SCHOLARSHIPS.				
	England and Wales.			
—	Birmingham	Board Schools.	6	G. B. Davis, Esq., School Board Office, Colmore Road, Birmingham.
5296	Keighley	School of Science and Art.	1	Swire Smith, Esq., School of Science and Art, Keighley.
—	Manchester	Board Schools.	24	F. O. Ruspini, Esq., 6, St. James' Square, Manchester.
3626	Newcastle-on-Tyne.	Bath Lane School of Science and Art.	10	J. Blakey, Esq., 165, High Park Road, Newcastle-on-Tyne.
3722	Nottingham	High Pavement British School.	6	W. Clark, Esq., The Park, Nottingham.
2148	Over Darwen	Belgrave British School	6	F. G. Hindle, Esq., Solicitor, Darwen, Lancs.
5436	Sheffield	Board Schools.	5	J. F. Moss, Esq., Leopold Street, Sheffield.
5435	„	Parliament Street St. Matthias' Boys' School.	1	J. T. Darwent, Esq., 30, Bank Street, Sheffield.
	Scotland.			
5962	Campbeltown	Millknowe Public School.	1	D. M. Maxtone, Esq., Burnside Street, Campbeltown, N.B.
5959	Clydebank	Public School.	1	G. Smith, Esq., Union Bank of Scotland, Partick, Glasgow.
5754	Dumbarton	Burgh Academy.	6	Rev. D. Gunn, M.A., "Herald" Office, Dumbarton, N.B.
5852	Greenock	Academy, Higher Class Public School.	2	G. Williamson, Esq., 2, Bank Street, Greenock, N.B.
5878	Kilmarnock	Academy.	7	J. P. Stevenson, Esq., 99, King Street, Kilmarnock, N.B.
5903	Macduff	Public School.	1	G. McKay, Esq., 5, Shand Street, Macduff, N.B.
5954	Watten	Gersa Public School	1	C. Davidson, Esq., Cogle, Watten, R.S.O., Caithness, N.B.
5987	Whitburn	Benhar School.	3	J. McMillan, Esq., Benhar, Whitburn, Edinburgh.
SCIENCE AND ART SCHOLARSHIPS.				
	England and Wales.			
3803	Banbury	Cherwell British School	1	E. A. Walford, Esq., 76, High Street, Banbury.
5003	Bewdley	Bewdley and Wribbenhall British School.	2	W. Binns, Esq., Habberley Road, Bewdley.

Appendix B.

LOCAL SCHOLARSHIPS AND EXHIBITIONS.

Sch. No.	Town.	School.	No. held.	Name and Address of Correspondent.
303	Cambridge -	Higher Grade Public Elementary Boys' School.	2	Rev. J. C. Saunders, M.A., Downing College, Cambridge.
432	Cheadle -	National School.	2	Rev. J. W. Paull, M.A., Cheadle near Manchester.
1325	Cheltenham -	Lansdown Christ Church National Sch.	1	W. Middlemass, Esq., J.P., Marchmount, Cheltenham.
1322	„ -	Parish Church Boys' School.	3	J. S. Phillipps, Esq., Eldersfield, Hales Road, Cheltenham.
828	Devonport -	Keyham, St. James National School.	2	Rev. J. A. Bullen, St. James' Vicarage, Keyham, Devonport.
2605	Hinckley -	Grammar School.	1	J. D. Cotman, Esq., Regent Street, Hinckley, Leicestershire.
5296	Keighley -	School of Science and Art.	2	Swire Smith, Esq., School of Science and Art, Keighley.
2611	Leicester -	Trinity Church School.	1	G. W. Denton, Esq., Buckhurst, Stoney Gate, Leicester.
7332	Llanelly -	Copper Works School.	3	T. Mainwaring, Esq., Greenfield Place, Llanelly.
2843	London - -	Bow, Old Ford Road Science School.	2	B. W. Symonds, Esq., 409, Old Ford Road, E.
2964	„ - -	Islington, Windsor Street School.	2	H. J. Wheatley, Esq., 49, Dame Street, Islington, N.
4467	„ - -	Peckham, Asylum Road, Technical School.	3	F. Fermor, Esq., 255, Southampton Street, Camberwell, S.E.
4470	„ - -	Peckham, Wesleyan School.	1	H. J. Newman, Esq., 52, Albert Road, Peckham, S.E.
2903	„ - -	Goswell Road, St. Thomas' Charterhouse School.	2	W. Cutler, Esq., 210, Goswell Road, E.C.
3148	„ - -	Westminster Wesleyan College Practising School.	1	J. R. Langler, Esq., 130, Horseferry Road, Westminster, S.W.
—	Manchester -	Board Schools.	10	F. O. Ruspini, Esq., 6, St. James' Square, Manchester.
3626	Newcastle-on-Tyne.	School of Science and Art, Bath Lane.	10	J. Blakey, Esq., 165, High Park Road, Newcastle-on-Tyne.
—	„ -	Stephenson Scholarships Fund.	10	The Secretaries, Stephenson Scholarships Fund, Alliance Hotel, Newcastle-on-Tyne.
3722	Nottingham -	High Pavement British School.	3	W. Clark, Esq., The Park, Nottingham.
3823	Oxford - -	Wesleyan Boys' School.	3	W. B. Gamlen, Esq., M.A., North Grove, Oxford.
10	Pavenham -	Elementary Schools.	1	J. Purser, Esq., Pavenham, Bedfordshire.
5435	Sheffield -	St. Matthias' Boys' School, Parliament Street.	1	J. T. Darwent, Esq., 30, Bank Street, Sheffield.
5463	Thorne -	Brooke's Grammar School.	1	J. Foster, Esq., The Bank, Thorne, Doncaster.
5493	York -	Hope Street British School.	1	M. Spence, Esq., Lendal York.

Sch. No.	Town.	School.	No. held.	Name and Address of Correspondent.
	SCOTLAND.			
5743	Campbeltown	Grammar School.	1	D. M. Maxtone, Esq., Burnside Street, Campbeltown, N.B.
7621	Closeburn -	Wallace Hall Academy	3	T. G. Adam, Esq., Closeburn Castle, Thornhill, N.B.
5754	Dumbarton -	Burgh Academy.	5	Rev. D. Gunn, M.A., "Herald" Office, Dumbarton, N.B.
5878	Kilmarnock -	Academy.	7	J. P. Stevenson, Esq., 99, King Street, Kilmarnock, N.B.
5987	Whitburn -	Benhar School.	4	J. McMillan, Esq., Benhar, Whitburn, Edinburgh.
	IRELAND.			
6311	Ballymoney -	Model School.	1	Rev. J. B. Armour, Ballymoney, co. Antrim.
6151	Dublin -	Synge Street Christian Schools.	2	T. Coonan, Esq., 33, Pleasant Street, Dublin.
6354	Lisburn -	Ballymacbrennan National School.	1	Rev. J. McNeill, B.A., Drumbo Manse, Lisburn, co. Antrim.

LOCAL EXHIBITIONS.

	ENGLAND AND WALES.			
5614	Cardiff -	School of Science and Art.	2	S. J. Thorp, Esq., Town Hall, Cardiff.
407	Crewe - -	Mechanics' Institution	1	R. C. Stapley, Esq., 53, Earle Street, Crewe.
5296	Keighley -	School of Science and Art.	1	Swire Smith, Esq., School of Science and Art, Keighley.
2258	Manchester -	Mechanics' Institute -	2	J. H. Reynolds, Esq., Mechanics' Institute, Princess Street, Manchester.
3617	Newcastle-on-Tyne.	Mechanics' Institute and Public Library.	1	R. K. Vinycomb, Esq., Public Library, New Bridge Street, Newcastle-on-Tyne.
3626	,, -	Bath Lane School of Science and Art.	1	J. Blakey, Esq., 165, High Park Road, Newcastle-on-Tyne.
2321	Oldham -	School of Science and Art.	3	T. Bailey, Esq., Lyceum, Oldham.
206	Wolverton -	Science and Art Institute.	1	R. King, Esq., 20, Stratford Road, Wolverton.
	SCOTLAND.			
5816	Coatbridge -	Gartsherrie Academy -	1	J. Sutherland, Esq., National Bank of Scotland, Coatbridge, N.B.
	IRELAND.			
6329	Belfast -	Working Men's Institute	1	T. H. Browne, Esq., 45, Chichester Street, Belfast.

Appendix B. SCIENCE SCHOOLS. RESULTS.

6. LIST of SCHOOLS examined in 1881 and 1882, showing the NUMBER of STUDENTS under INSTRUCTION in 1881 and 1882, with the PRIZES and MEDALS obtained by each SCHOOL in 1881 and 1882, and the FEES received from STUDENTS during the SESSION 1881–82.

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
		ENGLAND.					
	BEDFORDSHIRE.						
15	Ampthill	Board Sch., Flitwich	12	12	..	4	2 15 0
17	Aspley Guise	Reading Room	25	..	1	..	..
2	Bedford	Charity Sch., Harpur St.	13	9	3	..	1 15 0
18	„	Sch. of Sci. and Art, 60, Bromham Road.	..	4	..	1	1 17 6
11	„	Brereton Road Sch.	50	40	5	3	5 10 0
13	Biggleswade	Board Sch.	..	..	..	..	..
6	Cranfield	Nat. Sch.	10	6	..	..	0 5 0
12	Luton	Engineering Works	40	30	9	3	2 2 0
16	„	Natural History Soc. Room, 2, George St.	10	10	..	1	7 2 6
20	„	Board Sch., Waller St.	..	20	..	2	..
10	Pavenham	Elementary Sch., Main St.	18	18	2	..	1 1 0
14	Sandy	Boys' Sch. Room	20	..	2	..	..
19	Turvey	Museum Room, High St.	..	20	..	3	..
	BERKSHIRE.						
116	Burghfield	Parish Sch.	..	15	..	..	..
117	Maidenhead	Brock Lane Schs.	..	..	..	1	..
104	Newbury	Lit. and Sci. Inst., 60, Northbrook Street.	5	10	..	1	2 5 0
107	„	Litten Gram. Sch.	20	10	..	..	..
101	Reading	Sch. of Sci. and Art, 39, Castle Street.	25	100	18	17	49 10 0
108	„	Evening Coll., West St.	20	..		..	..
109	„	Technical Sch.	40	..		..	..
114	Wantage	Wes. Sch., Back St.	18	15	..	1	1 0 0
103	Windsor	Albert Inst.	4	..	..	..	..
	BUCKINGHAMSHIRE.						
202	High Wycombe	Boys' Board Sch., Cemetery Road.	29	23	5	6	1 11 0
210	Olney	Board Sch.	..	..	..	..	..
205	Slough	Mech. Inst., Church St.	9	..	..	1	..
206	Wolverton	Sci. and Art Inst., Church Street.	69	88	12	17	15 12 0
	CAMBRIDGESHIRE.						
302	Cambridge	Ch. of Eng. Young Men's Society, St. Edward's Passage.	40	36	2	3	1 15 0
303	„	Paradise Street Sch.	70	80	11	20	..
304	„	Sch. of Art, Guildhall, Market Hill.	..	..	..	..	..
305	Cottenham	Board Sch., High St.	..	20	..	1	..
311	Newmarket	All Saints Sch.	..	30	..	..	..
307	Wisbech	Wkg. Men's Inst., Lower Hill St.	20	..	5	..	..
	CHESHIRE.						
401	Altrincham	Lit. Inst., George St.	..	..	..	..	..
403	Birkenhead	Sch. of Art, Park Entrance, Conway St.	30	..	..	..	..
453	„	Presbyterian Sch.	20	..	..	..	..
403A	„	The Holt, Tranmere (Branch Sch. of Art).	..	160	..	..	19 1 0

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	£ s. d.
455	Bredbury (*viâ* Stockport).	Nat. Sch. Room - -	..	40	..	10	9 3 0
432	Cheadle - -	Lit. Inst., Village Green	20	20	9	14	4 2 0
451	Chelford - -	Nat. Sch. - - -	6	..	..	..	..
405	Chester - -	Sch. of Sci. and Art, Pepper St.	..	8	4	4	..*
448	„ - -	Natural Sci. Rooms, Lower Bridge St.	78	90	19	8	15 14 0
446	Congleton - -	Wes. Sch., Wagg St. -	..	..	..	..	..
407	Crewe - - -	Mech. Inst., Prince Albert St.	150	180	62	73	14 8 0
408	Hyde - - -	Flowery Field Educ. Inst.	18	24	..	2	3 11 0
409	„ - - -	Mech. Inst., Hyde Lane -	40	75	4	1	7 3 0
440	Knutsford - -	Brit. Sch., Brook Street Hill.	20	..	2	..	..
436	Macclesfield - -	Useful Knowledge Soc., Mech. Inst., Park Green.	25	30	10	13	7 14 6
452	„ - -	Mill Street Sch. - -	25	..	1	..	..
411	„ - -	Sch. of Art, Park Lane -	..	..	..	..	..
449	Runcorn - -	Young Men's Christian Assoc., High St.	24	40	3	5	11 8 0
450	„ - -	Holy Trinity Sch., Pool Lane.	12	15	5	7	4 16 0
428	Seacombe - -	Wes. Sch., Brighton St. -	..	25	..	..	..
416	Stockport - -	Mech. Inst., St. Peter's Gate.	70	65	52	56	25 10 0
417	„ - -	Orphan Sch., Cheadle, Hulme.	100	100	98	64	..
418	„ - -	Sunday Sch., Duke Street	50	60	3	14	8 2 0
442	Wallasey - -	Gram. Sch. - -	30	100	..	..†	..
421	Winsford - -	Academy, Weaver St. -	35	40	2	10	20 15 0
	CORNWALL.						
581	Breage - - -	Board Sch. - -	15	..	2	..	..
505	Camborne - -	Roskear Board Sch. -	17	19	..	1	0 15 0
505A	„ - -	Board Sch., Basset Road	12	12	2	} 16	2 10 0
507	„ - -	The Laboratory, Wkg. Men's Club, Fore St.	35	35	7		3 15 6
507A	„ - -	Trevu Road Acad. -	20	25	1		14 0
508	Falmouth - -	Polytechnic Inst. -	60	73	9	6	5 2 6
559	„ - -	Brit. Sch., Gyllyng St., Smithwick Hill.	20	20	..	2	1 0 0
569A	Fowey - - -	Gram. Sch., The Daglands.	..	13	..	..	..
511	Hayle - - -	Drawing Office, Foundry Square.	20	20	2	3	4 0 0
513	Helston - -	Commercial Sch., Church Street.	35	25	16	9	9 5 0
548	„ - - -	Nat. Sch., Church Street	20	12	..	2	..
589	„ - - -	Board Sch., Herland Cross.	..	17	..	6	2 10 0
517	Liskeard - -	Sch. of Sci. and Art, Masonic Hall Parade.	3	3	1	2	0 10 0
588	„ - -	East Cornwall College -	..	30	..	4	4 7 6
583	Marazion - -	Trevelyan Sch. - -	12	16	..	..	..
570	Mylor Bridge - -	Sch. Room - -	4	4	..	..	..
590	New Quay - -	Board Sch. - -	..	5	..	..	..
519	Pendeen - -	Board Sch., Church Rd. -	10	10	..	1	2 12 6
521	Penryn - -	Town Hall - -	7	6	..	..	2 0 0
522	„ - - -	Wes. Sch. - - -	20	11	1	1	0 12 6
524	Penzance - -	Royal Cornwall Geological Museum.	..	26	6	6	13 15 0
563	„ - -	Wes. Day Sch., Chapel St.	16	15	2	1	3 0 0
525	„ - -	Sch. of Sci. and Art, Morrab Rd.	14	18	..	..	..*
552	Pool - - -	Board Sch., Church Rd.	..	12	..	..	1 2 6
528	Redruth - -	Board Sch., Pednandrea	40	35	15	11	5 10 0

* Science fees included in Art fees.
† Included with 2208.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction. 1881.	1882.	Number of Prizes and Medals Obtained. 1881.	1882.	Fees received during the Session 1881-82. £ s. d.
553	St. Agnes	Class Rm., Church Town	20	15	..	..	..
531	St. Austell	Board Sch.	16	..	1	1	..
532	St. Columb Major	Central Board Sch.	8	..	2	..	..
567	St. Ives	Nat. Sch., St. Andrew's Street.	13	6	3	1	2 5 0
536	St. Just	Bd. Sch., Cape Cornwall Road.	24	12	..	..	..
538	Saltash	Board Sch., North Road	15	10	1	1	2 10 0
539	Torpoint	Wes. School Fore Street	..	12	..	..	1 7 6
541	Truro	Brit. Sch., Kenwyn Street	30	25	2	..	3 0 0
545	„	School of Science and Art, 13, Leman Street.	10	12	..	..	..*
580	„	Collegiate Sch. 73, Leman Street.	10	6	1	..	..
586	„	Central Sch. Fairmantle Street.	8	13	..	1	0 17 6
587	„	Boys' Sch., Fairmantle St.	..	50	..	15	..
556	Tucking Mills	Wes. Schools.	16	..	1	..	..
	CUMBERLAND.						
601	Aspatria	Agricultural Sch., Beacon House.	12	..	3	..	..
619	Carlisle	Fawcett Schools, West Walls.	12	12	3	3	2 0 0
622	„	Board School, Mary St. Denton, Holme.	..	40	..	3	1 10 0
603	„	Ch. Ch. Sch., Close Street	..	20	..	5	2 10 0
604	„	Sch. of Science and Art, Mechanical Hall.	..	12	1	4	7 0 0
621	Egremont	Proprietory School	15	12	1	..	..
623	Frizington	St. Paul's N. Sch., Church Road.	..	50	..	9	5 3 2
620	Whitehaven	Scientific Inst. Howgill Street.	40	50	10	5	7 12 6
	DERBYSHIRE.						
742	Chesterfield	Sch. of Sci. and Art. Stephenson Memorial Hall, Corporation St.	120	130	42	37	..
755	„	Trinity Nat. Schs., Soresby Street.	..	12	..	3	5 12 6
741	Church Gresley	Board School	4	..	1	1	..*
703	Clay Cross	Public Hall, Market St.	40	35	7	2	8 5 0
707	Derby	Central Sch. of Sci. and Art, Green Hill.	55	50	4	11	..*
708	„	Central School of Science, Upper Athenæum place, Victoria Street.	40	30	..	5	..
709	„	Diocesan Sch., Friar Gate	..	14	4	4	..
710	„	St. Andrew Sch., London Road.	60	65	23	30	..*
711	„	Wesn. Sch., Canal Street	25	26	10	11	..
712	„	Wesn. Day Sch. King St.	6	12	..	4	..
722	Eckington	Board Sch. High Street	..	15	..	1	1 17 6
725	Heanor	Boy's Sch., Langley Mill	..	25	..	4	..
756	Killamarsh	Board Sch.	..	10	..	2	0 12 6
728	Matlock Bath	Nat. School	20	15	3	5	2 5 0
747	Mosborough	Board School	12	..	4	..	..
739	New Mills	Mech. Inst., Springbank	25	25	..	1	5 0 0
731	Riddings	Mut. Imp. Assoc., Nat. Sch.	45	50	8	10	6 12 6
733	Ripley	Outram Street School	30	30	13	3	..
745	Staveley	Boys' School, High Street	18	15	..	..	1 7 0
753	Tibshelf	Colliery Sch.	20	25	2	1	3 10 0
	DEVONSHIRE.						
914	Axminster	Sunday Schs., West St.	25	20	6	4	3 17 6
803	Barnstaple	Sch. of Sci. and Art, Lit. and Sci. Inst., High St.	55	50	14	10	12 12 0

* Science fees included in Art fees.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
807	Bideford - -	Sci. and Art Sch. Bridgeland Street.	29	6	6	..	2 10 0
809	Braunton - -	Chaloner's School -	20	15	..	..	1 10 0
810	Crediton - -	Haywards School -	18	..	2	..	..
814	Devonport - -	Bd. Sch. Cherry Garden St.	50	46	17	3	8 7 6
815	„ - -	Mut. Imp. Soc., Baptist Sch., Morice St.	40	27	20	13	8 13 0
816	„ - -	Brit. Sch., St. John St.	8	14	2	..	0 7 0
818	„ - -	Stoke Pub. Sch., Keppel Street.	120	100	41	39	10 7 0
822	„ - -	Ford Bd. School, Cambridge Road.	40	35	6	4	6 2 6
828	„ - -	St. James' Nat. Sch., Keyham.	120	164	57	52	21 4 0
829	„ - -	St. John's Nat. Sch. -	150	150	51	35	27 0 10
824	„ - -	Stoke Board Sch., Church Street.	..	26	..	..	1 3 0
841	Exeter - - -	Sch. of Sci. and Art, Albert Mem.	25	70	27	31	38 13 0
926	„ - - -	Baptist Chapel, Bartholomew Street.	15	10	1	1	2 15 0
918	Exmouth - -	Commercial Coffee Palace, Station Parade.	16	10	2	2	2 19 6
928	Hatherleigh - -	Board Sch. - -	15	..	..	..	..
913	Honiton - -	Sessions Room, Town Hall, High Street.	..	30	5	2	..
943	„ - -	Middle Cl. Sch., High St.	..	10	..	1	2 15 0
855	Ilfracombe - -	Nat. Sch., Church Hill -	25	30	18	20	3 0 0
916	Mary Tavy - -	Boys' Sch. - -	20	..	1	..	..
911	Newton Abbott -	G. W. R. Mech. Inst.	12	..	..	..	..
927	„ -	Hartlands Rooms, 38, Courtenay Street.	12	12	11	2	6 13 0
858	North Tawton -	Board Sch., Exeter Street	16	10	1	6	2 6 0
865	Plymouth - -	Navigation School., 4, Gascoyne place	20	60	4	10	16 17 6
875	„ - -	Bank of Eng. Sci. Sch., Bank of England place	48	50	34	65	35 10 0
866	„ - -	Public Free Sch., Coburg Street.	70	80	15	16	7 4 0
869	„ - -	Collegiate Sch., North Road.	18	10	1	..	..
874	„ - -	8, The Octagon - -	72	50	6	..	14 10 0
876	„ - -	St. Boniface's Girls' Sch.,	20	..	4	..	..
877	„ - -	Sch. of Sci. and Art., Y.M.C.A., Bank Street.	10	..	..	..	..
859	„ - -	Mech. Inst., Princes Square.	25	40	13	5	13 5 0
860	„ -	Gram. Sch., 42, Park St.	55	60	11	11	6 16 0
861A	„ - -	Nat. Sch., Shaftesbury Cottages.	40	40	1	8	10 0 0
867	„ - -	St. Peter's Sch., Wyndham Square. -	..	12	..	1	..
863	„ - -	George Street Sch.	50	..	11	..	..
881	St. Mary Church -	Brealey's Rooms, Fore Street.	..	..	..	..	..
898	St. Thomas - -	Boys' Board Sch., Cowick Street.	14	20	7	9	4 11 6
882	Seaton - - -	Sir A. Trevelyan's Sch., Fore Street.	12	12	5	2	..
884	Stonehouse - -	Boys' Nat. Sch. - -	16	..	1	..	..
929	„ - -	Admiralty Sch. - -	12	..	..	..	..
887	Tavistock - -	Sch. of Sci. and Art, West Streeet,	10	10	1	..	..
930	„ - -	Spring Hill House -	18	..	..	..	..
885	„ - -	Board Sch., Plymouth Road.	6	8	3	3	8 0 0
932	„ - -	Lamerton Ch. of Eng. Sch.	..	7	..	3	0 18 0
886	„ - -	The Gulworthy Bd. Sch.	..	20	..	2	2 10 0

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction. 1881.	Number of Individuals under Instruction. 1882.	Number of Prizes and Medals Obtained. 1881.	Number of Prizes and Medals Obtained. 1882.	Fees received during the Session 1881-82. £ s. d.
919	Tiverton	Nat. Sch.	18	26	4	..*	..
920	"	Heathcote Sch.	24	..	14	..	..
899	"	Athenæum, Fore Street	..	40	..	6	6 2 0
890	Torquay	Sch. of Sci., and Art, Vivian Institute.	70	60	6	13	4 10 0
891	"	Castle College, Castle Rd.	50	20	..	4	25 0 0
894	"	St. Luke's Middle Sch.	24	20	..	1	..
896	Totnes	Hill House Sch.	20	12	..	3	..
931	Whitestone	Splatt's Sch., Old Okehampton Rd.	..	10	..	1	1 15 0
	DORSETSHIRE.						
1021	Abbotsbury	Sch. Room, Tollhall	8	..	..	..	..
1001	Bridport	Gen. Sch., Folly Mill Lane.	40	55	..	11	53 0 0
1004	"	Sch. of Science and Art, Lit. and Sci. Inst., East St.	10	10	16	..	..
1002	"	Ladies' Sch.	12	..	..	..	..
1020	Dorchester	Boys' Nat. Sch.	40	20	7	3	1 7 6
1016	Evershot	Sticklands Free Sch.	..	12	..	1	..
1015	Gillingham	Board Sch.	14	20	..	2	..
1014	Maiden Newton	Nat. Sch.	25	24	13	3	0 17 6
1022	Poole	Sch. of Sci. and Art, High Street.	10	20	..	1	..
1023	Portland	St. John's Parish Schs.	20	..	2	..	..
1007	Sherborne	St. Thomas-a-Becket's Sch., Cheap St.	20	15	7	12	3 1 0
1010	Weymouth	Melcombe Regis Sch., Commercial Rd.	40	..	2	..	..
1013	"	Sch. of Sci. and Art, The Mart, Marden Street.	12	18	3	6	..
	DURHAM.						
1101	Barnard Castle	Mech. Inst., Horse Market.	8	19	..	..	..
1102	Bishop Auckland	Temperance Hall, Victoria Street.	30	12	4	4	2 17 6
1102A	" "	Young Men's Chris. Assoc., Tenters St.	30	50	5	..	3 4 0
1103	Blaydon-on-Tyne	St. Cuthbert's Nat. Sch.	30	28	3	2	..
1200	Castle Eden Colliery	Nat. Sch.	..	15	..	..	..
1191	Chester-le-Street	Nat. Sch.	24	15	5	..	..
1158	Consett	Co-operative Store, Market St.	30	24	2	2	..
1105	Crook (Billy Row)	Pease's West Miners' Inst.	30	40	9	4	3 3 0
1154	"	Board Sch.	25	25	2	1	1 17 0
1174	Crook	Miners' Inst., Bowden Close Colliery.	12	15	7	2	1 6 0
1178	Darlington	Gram. Sch.	48	45	21	32	..
1197	"	Trinity Boys' Nat. Sch., Union St.	..	30	..	1	0 14 0
1110	Durham	Sci. Sch., Saddler Street	40	35	9	9	14 0 0
1114	Esh	Miners' Inst., Durham Road.	18	30	..	2	3 7 6
1177	Felling-on-Tyne	Board Sch., Stephenson Terrace.	30	30	3	..	..
1152	Gateshead	Alexandra Rd. Bd. Sch.	75	120	46	28	36 5 0
1159	"	North Eastern Railway Literary Instn., West St.	28	30	6	10	4 4 0
1117	"	Day Indust. Sch., Windmill Hills.	60	80	13	9	12 0 0
1100	"	Board Sch., Sunderland Road.	..	30	..	2	..
1180	"	Board Sch., Prior St.	30	41	2	3	9 5 0
1119	Hebburn	St. Andrew's Mech. Inst.	9	6	2	1	1 15 0
1170	Heworth	High Heworth Nat. Sch., Heworth Colliery.	20	20	3	5	3 15 0

* Included in No. opposite 899.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
1160	Houghton-le-Spring -	Nat. Sch., Hopper St., New Bottle Lane.	15	22	5	2	3 7 6
1120	Jarrow-on-Tyne -	Mech. Inst., Ellison St. -	120	175	39	25	31 10 0
1121	Murton Colliery -	Girls' Sch. - - -	12	..	3	..	..
1162	Newbottle - -	Board Sch. - -	25	15	3	2	5 17 6
1185	Pelton Fell - -	Colliery Sch., Chapel Row	30	40	5	3	15 5 0
1193	Ryhope Colliery -	Reading Room, Ryhope Street.	..	50	..	3	11 15 0
1190	St. Helen's Auckland	British Sch. - -	13	12	2	..	..
1123	Seaham Harbour -	Girls' Nat. Sch., Church Street.	6	8	1	..	0 17 6
1181	„ (New) -	Londonderry Sch., Vane Terrace.	..	50	..	2	10 0 0
1145	Silksworth - -	New Tunstall Sch. -	30	30	1	2	25 10 0
1134	South Church (near B. Auckland).	Brit. Sch. - - -	..	10	..	2	..
1183	South Hylton - -	Ford Bd. Sch. - -	18	..	2	..	..
1124	South Shields - -	Public Library, Ocean Road.	35	50	5	7	15 3 6
1125	„ - -	Bd. Sch., Ocean Road -	..	30	2	1	..
1126	„ - -	Jarrow Chemical Company's Sch., The Barnes.	50	70	4	8	2 15 0
1129	„ - -	Union Brit. Sch., Garden Lane, Waterloo Vale.	45	55	1	3	..
1120A	„ - -	Industrial Training Ship, "Wellesley."	..	24	..	..	..
1195	„ - -	Sch. of Sci. and Art, The Academy, Smithy St.	..	15	..	..	2 9 6
1184	Southwick - -	Board Sch., Fulwell Rd.	5	10	..	1	..
1176	Spennymoor - -	Tudhoe Grange Bd. Sch., Durham Road.	20	34	4	5	10 0 0
1130	Stanhope - -	Barrington Ch. of Eng. Sch., Back Lane.	12	15	..	..	3 0 0
1186	Stanley (West) -	Nat. Sch. - - -	24	..	2	..	6 10 0
1132	Stockton-on-Tees -	South Stockton Mech. Inst., George St.	30	20	..	..	..
1133	„ -	Brit. Sch. - - -	20	..	2	..	..
1136	Sunderland - -	Bishop Wearmouth Nat. Sch., Rectory Park.	45	45	12	10	..
1139	„ - -	Monkwearmouth Workmen's Hall.	12	50	1	6	7 1 0
1141	„ - -	Sch. of Sci. and Art, Athenæum Bldgs., Fawcett St.	30	24	10	5	14 1 11
1141A	„ - -	Collegiate Sch., Derwent Street.	..	25	..	..	..
1144	„ - -	Church Inst., Burlington Rd., Hendon.	60	60	15	15	11 4 0
1143	„ - -	Yng. Men's Chris. Assoc. 30, John St.	20	15	5	5	..
1168	„ - -	Co-operative Store Rm., Green Street.	16	60	2	5	12 10 0
1169	„ - -	Diamond Hall, Bd. Sch., Franklin St., Hylton Road.	12	15	1	..	1 17 6
1182	„ - -	Hendon Bd. Sch., Herrington St.	55	37	9	1	..
1173	„ - -	Equit. Indus. Society -	55	..	5	..	..
1188	„ - -	Monkwearmouth, Thomas Street Board Sch.	20	8	5	1	3 10 0
1196	„ - -	The Grange Sch., Stockton Rd.	..	30	..	1	..
1142	„ - -	Wes. Sch., Robinson St. -	..	30	..	..	11 10 0
1189	Usworth - -	Central Board Sch. (Art only).	20	..	..	..	..
1198	Wearhead - -	Board Sch. - -	..	12	..	..	0 14 0
1147	West Hartlepool -	Sch. of Art, Athenæum, Church St.	..	..	..	..	..
1192	„ -	St. Joseph's Sch., Whitby, Street.	30	40	6	5	7 19 0
1194	Wheatley Hill -	Board Sch. - -	..	20	..	2	2 15 0

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction. 1881.	Number of Individuals under Instruction. 1882.	Number of Prizes and Medals Obtained. 1881.	Number of Prizes and Medals Obtained. 1882.	Fees received during the Session 1881–82. £ s. d.
1175	Winlaton - -	Board Schs. - -	40	50	4	5	8 8 0
1187	Wreckenton - -	Mech. Inst. - -	16	..	1	..	..
	ESSEX.						
1204	Canning Town -	Boyd Wkg. Men's Inst., Boyd Rd.	..	15	..	..	..
1203	Chelmsford - -	Victoria Nat. Sch., New St.	8	..	..	..	..
1206	Colchester - -	Lit. Inst., St. John Street	..	150	9	6	..
1239	Earls Colne - -	Lit. Inst., High St. -	12	10	..	1	..
1235	Leytonstone - -	Forest Ho. Sch., Cambridge Park.	25	22	1	..	..
1230	Manningtree - -	Town Hall, South St. -	16	10	..	..	0 19 6
1242	Silvertown - -	Drill Hall, Constance St.	..	35	..	4	7 10 0
1211	Stratford - -	Buxton College - -	..	..	..	..	..
1212	„ - -	Great Eastern Railway Mech. Inst., David St.	110	70	18	27	30 7 6
1241	Waltham Abbey -	Girl's Class Room -	..	20	..	2	2 17 0
1222	Wanstead - -	Infant Orphan Asylum -	42	45	1	3	..
	GLOUCESTERSHIRE.						
1318	Brimscombe - -	Assembly Rooms - -	..	17	..	..	..
1303	Bristol - - -	Brit. Sch., Redcross Street	12	..	1	..	..
1306	„ - - -	Brit. Sch., Russel Town	12	..	3	..	..
1307	„ - - -	Trade and Mining Schs., Nelson St	220	300	118	107	..
1308	„ - - -	Wes. Sch., North Street -	43	30	2	4	..
1313	„ - - -	University College, Park Row.	105	75	4	9	54 9 9
1313A	„ - - -	University College, Tyndall's Park.	..	55	..		21 11 9
1311	„ - - -	Portland Day Sch., Portland St, Kingsdown.	..	8	..	2	..
1319	„ - - -	Redcliffe Collegiate Sch., 5, Guinea St.	..	20	..	1	5 0 0
1317	„ - - -	St. George's Board Sch. -	12	..	1	..	..
1210	„ - - -	Sch. of Science and Art, Queen's Rd.	24	22	2	3	..
1321	Cheltenham - -	Brit. Sch., Dunnally St., Henrietta St.	..	14	..	..	..
1322	„ - -	Parish Church Boys' Sch. Devonshire St.	40	30	11	6	..
1325	„ - -	Ch. Ch. Nat. Sch., Lansdowne.	12	14	6	1	0 13 0
1333	„ - -	Sch. of Sci., Cambray Pl.	26	20	22	8	12 15 0
1326	„ - -	Sch. of Art, Clarence Parade.	..	..	..	2	..*
1330	Cirencester - -	Sch. of Art, Corn Hall Bldgs., Market Place.	20	..	2	..	..
1360	Eastington - -	Nat. Sch. - - -	8	..	2	..	..
1340	Gloucester - -	Sch. of Sci. and Art, Brunswick Road.	28	80	35	40	52 0 9
1340A	„ - -	Crypt Gram. Sch., Barton Street.	20	20		1	35 0 0
1365	Nailsworth - -	Literary and Mech. Inst.	12	..	1	..	..
1359	Painswick - -	The Inst., New Street -	10	10	2	..	1 0 0
1361	Stroud - - -	Ebley Court, High St. -	30	24	1	2	2 2 0
1352	„ - - -	Stratford Abbey - -	30	30	7	6	13 10 0
1353	„ - - -	Bussage House, Bussage-	10	20	1	1	0 17 6
1366	„ - - -	Lansdown Hall, Lansdown.	12	20	2	1	1 5 0
1354	Tewkesbury - -	Nat. Sch. - - -	10	..	2	..	..
1355	Westbury-on-Severn -	Nat. Sch. - - -	..	12	..	..	..
	HAMPSHIRE.						
1428	Aldershot - -	West End Board Sch. Queen's Road.	20	30	..	5	8 0 0
1436	Alton - - -	Grammar Sch. - -	..	12	..	..	..
1406	Forton - - -	Royal Marine Barracks Sch.	10	8	2	..	..

* Included in fees for Art.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
1409	Gosport - -	Sch. of Sci. and Art, Market House, High St.	35	25	5	15	31 4 0
1437	Kingsley - -	Ockham Mid. Class Sch.	..	25	..	2	..
1430	Odiham - -	Grammar Sch. - -	10	..	1	..	..
1412	Portsmouth - -	Sch. of Sci. and Art, Pembroke Road.	120	130	33	16	38 13 4
1416	Shirley - - -	Nat. Sch., Wilton Road -	15	20	7	6	1 5 0
1424	,, - -	Alexandra College, Shirley Park.	30	36	4	8	7 10 0
1418	Southampton - -	St. Luke's Sch., - -	12	..	1	..	..
1419	,, - -	Taunton's Sch., New Rd.	40	35	19	11	..
1417	,, - -	Sch. of Sci. and Art, Hartley Inst. High St.	80	100	42	43	176 18 7
1422	,, - -	Sch. of Art, Philharmonic Hall.	..	..	..	..	..
1420	,, - -	Nat. Sch. - - -	8	..	..	..	..
1426	Winchester - -	Sch. of Sci. and Art, The Close.	10	5	..	..	..
	HEREFORDSHIRE.						
1501	Hereford - -	Sci. and Art Classes, Castle Green.	10	7	..	..	..
1505	,, - -	St. Peter's Par. School, Union St.	..	15	..	1	4 0 0
1507	Kington - -	Board Sch., Gravel Hill -	..	20	..	1	2 0 0
1508	Leominster - -	Lit. Inst., Church Street	..	30	..	3	5 0 2
1502	Lyonshall (near Kington).	The School - -	..	6	..	..	..
	HERTFORDSHIRE.						
1603	Barnet (High) -	Queen Elizabeth's Sch., Wood St.	70	33	..	4	..
1616	Hitchin - -	Mech. Inst., Brand St. -	16	26	2	3	4 7 6
1609	St. Alban's - -	Sch. of Sci. and Art, Town Hall.	10	15	1	3	4 10 0
1612	Watford - -	London Orphan Asylum	60	63	16	25	..
1613	,, - -	School ofScience and Art, Public Library.	24	32	5	2	5 16 0
	HUNTINGDONSHIRE.						
1702	Huntingdon - -	Walden's Sch., High St. -	12	8	2	2	1 8 0
1711	St. Ives - -	Infant Sch., Bull Lane -	..	12	..	..	..
1715	,, - - -	Infants' Sch., Ramsey Road,	..	12	..	..	..
1712	St. Neots - -	Boys' Free Sch. - -	11	..	..	..	..
	KENT.						
1801	Ashford - -	Brit. Sch., West Street -	..	23	3	5	2 0 0
1946	Beckenham (New) -	Albermarle Coll., Alexandra Dist.	20	37	2	8	..
1802	Bexley Heath - -	Oak Villa - - -	24	..	1	..	..
1949	Blackheath - -	Alexandra Hall - -	..	..	..	..	..
1805	Bromley - -	Sch. of Science and Art, Tweedy Road.	8	30	6	12	22 4 0
1814	Chatham - -	St. Mark's Sch., Canterbury St., New Brompton	20	30	8	7	13 4 6
1815	,, - -	St. Mary's Nat. Sch., Military Road.	20	12	..	3	4 1 0
1816	,, - -	Working Men's Club and Inst.	20	20	2	..	..
1812	,, - -	Holy Trinity Sch., Garden St., Old Brompton.	..	20	..	..	..
1813	,, - -	Boys' Sch., James Street	..	20	..	6	..
1944	Dartford - -	Board Sch., St. Alban's Road.	20	20	5	1	4 4 6
1830	Deptford - -	Board Sch., Stanley Street.	84	90	16	21	..
1835	,, - -	St. Nicholas Nat. and Benevolent School, Wellington Street.	25	18	1	2	3 2 6

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
1934	Doddington - -	Gloucester House -	..	8	..	..	..
1842	Dover - - -	Sch. of Sci, and Art, Northampton Street.	50	80	15	20	7 15 0
1851A	Erith - - -	Iron Room, Victoria Road.	32	15	1	4	8 10 0
1853	Faversham - -	Inst., East Street -	10	18	8	7	1 2 0
1854	Folkestone - -	Town Museum - -	50	50	10	15	8 0 0
1855	Gravesend - -	Milton Mount Coll. -	100	100	22	16	..
1937	„ - -	Brit. Sch., Kempthorne Street.	18	12	1	..	0 12 6
1830A	Greenwich - -	Board Sch., Blackheath Road.	20	36	11	..	2 16 0
1861	„ - -	Oxford House Sch., Greenwich Road.	30	40	5	8	8 15 0
1863	„ - -	Lecture Hall, Royal Hill	35	166	10	15	13 7 0
1864	„ - -	Roan Boys' Sch., East St.	20	66	6	4	..
1862	„ (East)	Ch. Ch. Nat. Sch., Church Street.	30	80	11	28	17 0 0
1871	Lewisham - -	Congl. Sch., Porson Street.	40	50	9	26	..
1873	Maidstone - -	Middle Class Boys' Sch., Station Road.	60	50	7	..	10 1 0
1873A	„ - -	Coffee Palace, Week St.	..	20	..	6	..
1880	New Cross - -	Board Sch., Clifton Road	60	80	3	..	8 1 9
1883	Plumstead - -	Board Sch., Burrage Grove.	145	150	11	10	6 18 0
1885	„ - -	Wes. Day Sch., Plumstead Common Road.	20	20	2	3	..
1889	Ramsgate - -	St. George's Commercial Sch., Church Road.	..	46	..	2	5 17 6
1890	Rochester - -	Board Sch., King Street	36	40	11	3	7 13 0
1918	„ - -	St. Peter's Nat. Sch., New Road.	..	..	..	..	..
1940	„ - -	Sir J. Williamson's Mathematical Sch., High Street.	60	100	6	25	..
1919	Sheerness - -	Nat. Sch., Trinity Place, Banks Town.	28	25	15	7	8 10 0
1933	„ - -	Lecture Room, Fontblanque Road.	20	30	11	9	5 17 6
1925	Sittingbourne - -	St. Michael's Nat. Sch., The Butts.	70	30	11	3	3 0 0
1950	Snodland - -	Brit. Sch., Holboro Road	..	12	..	3	3 2 6
1896	Southborough - -	Library Room, Public Hall, London Road.	30	50	13	1	1 1 0
1922	Strood - - -	Board Sch. - -	37	26	5	4	8 12 6
1899	Sydenham - -	Holy Trinity Boys' Sch., Dartmouth Road.	12	12	1	1	3 0 0
1901	„ - -	St. Michael's Boys' Sch., Bell Green, Lower Sydenham.	10	9	..	..	0 10 0
1906	Tonbridge - -	Town Hall - -	..	12	..	4	..
1908	Tunbridge Wells -	Belgrave Mech. Inst. -	40	42	5	4	1 10 0
1913	Woolwich - -	Presb. Sch., New Road -	40	30	2	7	3 2 0
1914	„ - -	St. John's Nat. Sch., Wellington Street.	80	100	20	19	64 5 0
1915	„ - -	Royal Arsenal, Mech. Inst.	310	280	30	49	89 12 0
	LANCASHIRE.						
2001	Accrington - -	Co-operative Hall, Oak Street.	5	30	2	3	..
2009	„ - -	Mech. Inst. St. James Street.	70	110	21	36	..
2012	Adlington - -	Nat. Sch. - - -	23	..	3	..	..
2020	Ashton-under-Lyne -	Brit. Sch., Trafalgar Square.	60	50	..	1	5 15 0
2021	„ -	Albion Sch., Katherine Street.	150	105	20	11	5 3 6
2022	„ -	Mech. Inst., Church St. -	65	65	9	17	18 3 0

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	£ s. d.
2023	Ashton-under-Lyne	Dukinfield Library and Astley Inst.	90	100	29	23	15 18 9
2035	Bacup	Mech. Inst.	90	50	18	22	12 12 6
2041	Barrow-in-Furness	Sch. of Sci. and Art, Wkg. Men's Club and Inst.	24	55	11	15	..*
2043	„	Wes. Day Sch., Dalton Rd.	20	30	1	..	..
2044	„	Higher Grade Sch., Abbey Road.	50	40	3	12	7 4 0
2047	Blackburn	Christ Ch. Sch.	8	..	..	..	..
2051	„	Sci. and Art Sch., Paradise Lane.	100	100	30	20	38 10 0
2052	„	St. George's Sch., Preston Road.	40	30	..	..	..
2523	Blackpool	Free Library, Clifton St.	10	..	1	..	..
2075	Bolton	Sch. of Sci. and Art, Church Inst.. Silverwell Street,	200	250	74	81	132 6 3
2076	„	Mech. Inst., Mawdsley Street.	90	110	23	55	35 14 0
2078	„	Par. Ch. Sch., Church Gate.	80	80	7	9	14 19 0
2079	„	Unitarian Sch.	6	..	..	..	..
2087	„	Co-operative Hall, Bark Street.	84	60	28	..†	..
2091	„	Congregational Sch., Derby Street.	16	37	..	..	3 15 0
2092	„	High Sch., Davenport St.	..	30	..	7	20 0 0
2568	„	Bd. Sch., St. George's Rd.	..	45	..	..†	..
2097	Bradford, (nr. Manchester).	Bd. Sch., Grange Street	60	42	5	..	..
2099	Bradshaw	Church Sch.	27	14	2	4	..
2100	Brierfield	Congregational Sch., Colne Road,	..	13	..	1	..
2101	Burnley	Carlton Road Sch.	44	45	27	14	10 0 0
2102	„	Ch. of Eng. Lit. Inst.	45	35	4	2	3 4 0
2103	„	Grammar Sch., North Parade.	20	25	23	9	16 6 7
2104	„	Sch. of Sci. and Art., Mech. Inst., York Street.	135	210	37	39	38 4 0
2105	„	Fulledge Wes. Sch.	..	40	..	4	5 1 0
2111	„	Middle Class Sch.	20	..	..	..	..
2116	Bury	Athenæum, Market Street	70	100	16	7	28 4 0
2119	„	Co-operative Soc., 21, Market Street.	140	95	34	17	27 12 0
2119A	„	Co-operative Soc., Broad Street.	140	124	..		
2122	„	Grammar Sch., The Wylde.	70	66	32	5	415 0 0
2123	„	Wes. Sch., Pits-o'-th'-Moor.	30	16	1	1	..
2124	„	New Rd. Bd. Sch., Clough Street.	..	12	..	1	..
2126	Chorley	St. George's Nat. Sch., Market Street.	30	45	4	9	5 0 0
2135	Clitheroe	Wes. Sch.	12	..	2	..	..
2138	Colne	Gram. Sch., Church St.	62	40	4	1	7 7 0
2139	„	Bethel Sch., Primet Bridge	18	15	..	..	..
2504	„	Wes. Day Sch., George St.	25	18	1	1	..
2133	„	Providence Sch. Rooms, Waterside.	..	25	..	1	..
2140	Cornholme	Brit. Sch.	21	14	..	..	4 2 6
2142	Crawshaw Booth	Lit. and Mech. Inst.	14	17	1	1	1 14 0
2141	„	Baptist Sch., Goodshaw	..	12	..	..	..
2524	Dalton-in-Furness	Board Sch.	8	..	..	..	..
2562	Darcy Lever	Wes. Sch. Derby Place	..	15	..	..	1 0 0
2547	Darwen (New)	Hollins Grove Brit. Sch.	30	..	..	..	..
2145	„ (Over)	Co-operative Hall, School Street.	28	23	1	1	..
2148	„ „	Belgrave Brit. Sch.	..	..	..	..	..
2152	Droylsden	Educn. Inst., Market St.	29	45	4	4	4 10 0

* Science fees included in Art fees.
† See 2076.

List of Schools examined in 1881 and 1882—*continued*.

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	£ s. d.
2154	Earlestown	L. and N. W. Railway Inst., Viaduct Street.	60	65	4	2	6 7 6
2153	Eastwood	Board Sch.	8	6	..	..	..
2155	Eccles	Grammar Sch., Wellington Road.	46	46	14	5	59 17 0
2561	„	Monton Day and Sunday Schs., Monton Green.	..	25	..	8	3 5 0
2157	Edenfield	Wes. School Room	6	12	..	2	..
2522	Failsworth	Co-operative Hall	30	..	2	..	..
2550	Fallowfield (nr. Manchester).	Brook Road Sch.	15	20	2	1	3 17 6
2565	Farnworth	Parish Schs., Church Rd.	..	70	..	15	8 8 0
2564	Fleetwood	Board Sch., West Street	..	8	..	1	2 5 0
2551	Foulridge	Wes. School Room	55	50	1	..	2 19 0
2553	Garstang	St. Thomas' School Room	34	30	5	1	..
2583	„	St. Michaels-on-Wyre Nat. Sch.	..	12	..	1	..
2167	Garston	Grammar Sch.	20	25	..	..*	..
2164	Gorton	Manchester, Sheffield, and Linc. Rail.	15	..	2	..	..
2165	„	Nat. Sch.	16	..	3	..	..
2552	Great Eccleston	Baptist Chapel	20	..	..	..	..
2171	Great Harwood	Brit. Sch.	12	..	1	..	..
2172	Haslingden	Mech. Inst., Dearden Gate.	29	30	11	8	4 16 0
2173	„	Commercial Sch., Well St.	12	19	..	1	..
2178	Heywood	Co-operative Soc. Rms., Bamford Road.	45	50	5	4	6 8 0
2178A	„	Co-op. Society's Rms., Longford Street.	..	10	..	..	..
2525	Hornby	Nat. School	..	8	..	..	..
2554	Kirkham	Wesham Lecture Room	34	20	6	4	..
2574	„	Wrea Green School	..	6	..	..	..
2190	Lancaster	Sch. of Sci. and Art, Mech. Inst., Market Street.	10	10	..	..	3 3 0
2191	„	Boys' Nat. Sch., St. Leonard's Gate.	20	14	..	..	..
2196	Leigh	Wes. Sch., Old Chapel Street, Bedford.	20	24	1	..	1 15 0
2203	Littleborough	Ch. of Eng. New Sch., Victoria Street.	36	33	1	..	11 4 0
2563	Little Lever	Wesn. Sch. Mytham Rd.	..	15	..	3	1 13 6
2244	Liverpool	Pupil Teachers Col., 6, Sandon Terrace.	..	70	..	..	..
2214A	„	Sch. Bd. College, 111-3, Shaw Street.	70	80	7	1	..
2240	„	Board Sch., Pleasant St.	80	70	33	18	..
2516	„	Convent of Notre Dame, Everton Valley.	80	60	1	..	7 0 0
2513	„	St. Edward's College, St. Domingo Rd., Everton	19	50	4	9	..
2519	„	Y. M. C. A., Mount Pleasant.	..	100	..	13	11 10 0
2213	„	Liverpool Inst., Mount Street.	600	515	200	163	..
2220A	„	Blackburne House Sch.	93	..	..†	..	..
2218	„	R. C. Practg. Sch., Mount Pleasant.	18	100	5	11	..
2514	„	Sacred Heart Trg. Sch., 105, Shaw Street.	15	20	..	..	..
2233	„	Weslyn Sch.	20	..	..	..	..
2237	„	Board Sch., Upper Park Street.	20	45	..‡		5 14 0
2216	„	Philadelphia Chambers, Hackin's Hey.	90	150			16 18 6
2217	„	Board Sch., Queen's Road	160	235		63	24 18 0
2234	„	Board Sch., Chatsworth Street.	150	230	87		35 9 0
2510	„	St. Lawrence Sch., Croyland Rd., Kirkdale.	80	110			12 12 0

* Included in No. opposite 2208.
† Included in No. opposite 2213.
‡ Included in No. opposite 2217.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	£ s. d.
2208	Liverpool	Free Library and Museum	60	80	229	201	373 18 6
2211	"	Liverpool Coll., Shaw St. (Science Classes).	150	200		..	..
2212	"	Royal Inst., 88, Seel St.	150	150		..†	..
2231	"	Board Sch., Stanley Rd.	100	70	..*	..†	..
2517	"	Brunswick Sch., Erskine St.	20	40	..*	..†	..
2243	"	The Royal Coll. of Chemistry, 96, Duke St.	..	50	..	..†	..
2245	"	Board Schs., Granby St.	..	40	..	..†	..
2284	Manchester	Brit. Sch., Gill St., Moston	..	15	..	..	..
2527	"	St. Michael's Sch., Miller St.	28	40	5	1	..
2528	"	St. Michael's Boy's Sch.	15	12	1	..	..
2529	"	Prim. Meth. Sch.	30	..	1	..	..
2262	"	Sch. of Sci. and Art, Gram. Sch., Long Millgate.	700	750	251	187	..
2530	"	St. Mark's Sch., Hulme	15	15	1	..	..
2278	"	Sch. of Sci. and Art, Cavendish St., All Saints.	23	50	1	9	22 8 0
2531	"	St. Paul's Nat. Sch., Higher Temple St., C. on M.	..	20	..	..	2 2 0
2271	"	Wesn. Sch., Grosvenor St., C. on M.	..	24	..	4	2 12 0
2575	"	Secular Inst., 123, Grosvenor St., All Saints.	..	30	..	..	3 0 0
2264	"	Board Sch., Peter St.	400	450	..‡	..§	..
2273	"	Board Sch., Mulberry St., Hulme.	..	30	..	..§	..
2277	"	Board Sch., Vine Street	240	190	..‡	289	..
2251	"	Building Trades Inst., St. John's Sch., Gartside Street	60	60	1	2	..
2253	"	St. John's School	20	..	..	..	..
2254	"	St. John Baptist School, Hulme.	16	..	..	..	..
2255	"	St. Mark's Ch. Institute, River St., Hulme.	25	50	8	14	..
2256	"	St. Michael's Sch. Hulme	10	10	..	..	1 7 0
2258	"	Sch. of Sci. and Art, Mech. Inst., Princess St.	500	500	67	87	49 4 0
2259	"	St. Philip's Sch., Bradford Road, Ridgeway St.	30	20	..	2	..
2265	"	St. Luke's Nat. Sch., Albion St., Miles Platting.	12	12	..	..	1 9 9
2266	"	St. Wilfrid's R. C. Sch., Rutland Street.	45	52	21	10	2 10 0
2269	"	Commercial Sch., Stretford Road.	65	60	11	25	64 0 0
2275	"	Catholic Coll. Inst.	30	..	..	..	..
2280	"	Lower Mosley St. Sch.	60	100	7	11	5 8 0
2270	"	St. Matthew's Mid. Sch.	15	10	..	..	..
2290	"	Wes. School, Elm Street, Oldham Road,	12	10	..	..	0 12 6
2281	"	Board Sch., Abbott St.	150	140			
2285	"	St. James' Board School, Major St.	100	80			
2286	"	Board Sch., Strangeways	40	40			
2287	"	Bd. Sch., Chester St., Ardwick.	20	60			
2288	"	Board School, Armitage Street, Hyde Road.	50	30	274	..§	..
2289	"	Board Sch., Every St.	100	165			
2292	"	Board School, Gram. Sch., Long Mill Gate.	24	45			
2295	"	Roby's Bd. Sch., Aytoun St.	110	160			
2299	"	Board Sch., Ducie Avenue	60	170	..‡	..§	..

* *Included in No. opposite 2217.*
‡ *Included in No. opposite 2288.*
† Included in No. opposite 2208.
§ Included in No. opposite 2277.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
2576	Manchester	St. Philip's Sch., Wilmot St., Hulme.	..	24	..	..†	..
2300	"	Board Sch., Lloyd St.	75	70	..*	..†	..
2526	"	Bd. Sch., South Hall St.	90	70	..*	..†	..
2303	Milnrow	Wes. Day Sch.	15	..	..	..	..
2308	Morecambe	Board School	12	12	..	..	..
2306	Mossley	Mech. Inst., Stamford Rd.	24	6	4	3	2 13 0
2309	Nelson-in-Marsden	Wes. Sch., Carr Road	20	20	1	..	1 10 0
2310	"	Lomeshaye Sch.	..	10	..	1	0 5 0
2312	"	Nat. Sch., Leeds Rd.	..	30	..	..	..
2314	"	Lib. Club Room, Manchester Road.	45	25	9	4	..
2318	"	Salem Sch., Scotland Rd.	..	30	..	..	2 0 0
2315	Newton Heath	Brit. Sch., Droylsden Rd.	18	30	11	6	1 4 0
2316	"	Liby. Room, L. and Y. Ry. Wks., Thorp Rd. off Oldham Rd.	26	30	1	5	7 10 0
2321	Oldham	Sci. and Art Sch., Union Street.	442	546	92	90	267 7 9
2325	"	Werneth Mech. Inst., Manchester St.	37	12	2	3	11 2 6
2329	"	Co-operative Soc. Board Sch., Smith St.	64	52	10	5	17 15 0
2328	"	Brit. School, Honeywell Lane.	..	22	..	2	..
2332	Openshaw	Mech. Inst., Pottery Lane.	21	23	1	4	2 3 0
2334	Ormskirk	Boy's Nat. Sch., Aughton St.	28	12	5	6	12 11 0
2345	Padiham	Wes. Sch., Cross Bank	15	8	2	..	..
2349	"	St. Matthew's N. S., Partridge Hill.	12	20	..	1	..
2357	Pendleton	St. Paul's Bd. Sch., John St.	30	56	8	7	..
2358	"	Charlestown Brit.	19	10	3	..	..
2359	"	St. Paul's Bd. Sch., Ellor St.	..	20	..	12	..
2496	Platt Bridge	St. Peter's Sch., Low Green	13	16	1	2	3 18 0
2555	Poulton-le-Fylde	Nat. Sch.	26	20	3	1	5 10 0
2368	Preston	St. Paul's N.S.	105	100	31	50	39 10 0
2372	"	Pharmaceutical Soc. Rms., 22, Guildhall St.	20	14	6	3	4 15 0
2373	"	Sch. Room, 30, Winckley Square.	..	15	..	..	5 0 0
2365	"	Sch. of Sci. and Art, Avenham Inst.	70	100	34	39	58 18 6
2558	Prestwich	Nat. Sch.	20	..	1	..	..
2376	Radcliffe	Co-op. Society, Stand ln., Radcliffe Bridge.	25	25	1	5	12 0 0
2384	Ramsbottom	Sci. and Art Sch., 56, Ramsbottom Street.	50	50	1	4	12 4 0
2389	Rawtenstall	Ind. Co-operative Soc.	24	..	2	..	..
2396	Rochdale	Board Sch., Baillie Street	65	65	3	1	5 13 9
2398	"	Equit. Pioneers' Rooms, Oldham Rd.	85	106	39	35	28 17 7
2399	"	Equit. Pioneers' Rooms, Assembly Rooms, Toad Lane.	75	80	..		33 8 0½
2402	"	Wes. Day Sch., Union St.	30	45	4	1	..
2400	"	Par. Ch. Sch., Sparrow Hill.	..	40	..	..	2 10 0
2416	St. Helen's	St. Thomas's Sch., Peter Street.	25	40	7	6	..
2415	"	Cowley Brit. Sch., North Rd.	45	44	2	5	5 8 6
2412	"	Commercial Sch., Hardshaw Street.	18	30	..	1	4 17 0
2418	"	Gamble's Club Room	14	..	1	..	..

* Included in No. opposite 2288.
† Included in No. opposite 2277.

List of Schools examined in 1881 and 1882—*continued*.

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
2423	Salford - - -	St. Peters' Sch. (Boys), Collier St., Greengate.	20	30	3	5	0 16 0
2425	„ - - -	Queen Street Inst. -	30	70	18	23	15 0 0
2426	„ - - -	Working Men's College, Great George St. -	64	82	7	9	34 11 6
2427	„ - -	Bible Christ. School -	20	..	..	..	..
2429	„ - - -	Ch. Ch., Upper Sch., Hulme St.	36	30	1	..	..
2437	„ - - -	Richmond Hill Bd. Sch., Broughton Rd. -	..	15	..	2	..
2438	„ - - -	Queen Street Institute -	..	40	..	4	..
2431	„ - - -	Cath. Gram. Sch., 43, The Crescent.	60	64	9	15	..
2432	„ - - -	Seeley Com. Sch. -	30	..	..	..	..
2433	„ - - -	New Jerusalem Sch., Irwell Street.	20	20	..	..	..
2434	„ - -	New Windsor Schools -	20	15	1	1	..
2435	Shaw - - -	Crompton Hall - -	35	..	1	..	..
2435A	„ - - -	Brit. Sch. - -	25	20	..	..	..
2540	Shuttleworth (near Bury).	Baptist Sch. Room, Bank Lane.	10	18	3	7	2 15 0
2441	Smallbridge - -	St. John's N. S., Halifax Rd.	25	22	3	3	2 12 6
2443	„ - -	Congl. Sch., Halifax Rd.-	7	12			4 10 0
2444	Smithy Bridge -	U.M.F. Ch. School Room	..	12	..	6	..
2450	Stalybridge - -	Mech. Inst., High Street	54	50	6	8	6 12 6
2456	Stretford - -	St. Matthew's Sch., Chapel Lane.	..	15	..	..	..
2458	Todmorden - -	Roomfield Board Sch. -	48	72	23	15	17 0 0
2463	„ - -	Prim. Meth. Sunday Sch., Knowlwood.	..	16	..	..	1 7 6
2464	Tottington (near Bury).	Wes. Sch. - -	32	50	2	3	2 8 0
2560	Trawden (near Colne)	Lit. Inst. - - -	..	20	..	2	..
2567	„	Winwall Day School -	..	15	..	..	2 19 6
2582	Tyldesley - -	Mech. Inst., Stanley St. -	..	25	..	1	7 0 0
2584	Ulverston - -	Drill Hall, Lightburn Road.	..	24	..	2	..*
2466	Walsden - -	Wkg. Men's Club and Inst. Hollins Street.	30	40	12	7	5 7 6
2471	Warrington - -	Sch. of Sci. Art, Museum Bdgs.	..	..	..	..	3 0 0
2473	„ - -	Arpley Station Sch., Bold St.	100	76	7	18	38 17 8
2579	Wavertree - -	Collegiate Sch., 2, Picton Street.	..	40	..	..†	..
2474	„ - -	Wes. Sch. - -	20	..	..	..	..
2478	West Houghton -	Congl. Sch., Leigh Road	13	15	1	1	0 18 0
2293	Whitefield - -	Brit. Sch., Park Lane -	12	17	1	2	1 1 0
2482	Whitworth - -	Wes. Schs., Market Street, Facit.	23	40	2	4	11 4 0
2484	Widnes - -	Alford Chambers, Alford Street.	70	90	20	12	19 16 0
2486	Wigan - - -	Mining and Mech. Sch., Hope Street.	150	150	20	42	55 0 0
2489	„ - - -	New Gram. Sch. The Mesnes.	65	..	6	..	..
2501	Worsley - -	Girls' Nat. Sch. - -	12	24	..	1	1 10 0
	LEICESTERSHIRE.						
2604	Hinckley - -	Ch. Sch., Station Road -	28	15	6	1	1 15 0
2605	„ - -	Gram. Sch. - -	34	37	8	5	..
2608	Leicester - -	St. Martin's Sch., Friar Lane.	60	85	8	7	..
2611	„ - -	Trinity Ch. Sch., Regent Street.	40	30	4	4	12 9 0
2618	„ - -	Sch. of Sci. and Art, Wyggeston's Hospital Boys' Sch., High Cross St.	290	329	84	80	..

* *Science fees included in Art fees.*
† *Included in No. opposite 2208.*

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
2620	Leicester - -	Wyggeston's Hospital Girls' Sch., Humberstone Gate.	50	56	30	2	..
2647	„ - -	Board Sch., Oxford St.	..	130	..	4	..
2622	„ - -	Domestic Mission Great Meeting Sch., East Bond Street.	15	24	3	..	..
2626	„ - -	St. Mary's Par. Sch., (Boys) Castle Street.	..	12	..	..	..
2627	„ - -	Old Town Hall, Town Hall Lane.	..	50	..	2	..
2646	Loughborough -	Board Schs., Cobden St.	..	20	..	..	6 12 6
2624	Lutterworth - -	Public Elementary Sch., George Street.	40	30	12	14	10 5 0
	LINCOLNSHIRE.						
2705	Boston - - -	Sch. of Sci. and Art, Market Place.	10	6	..	..	..
2704	„ - - -	Nat.Sch., 11, Pump Sq.	5	4	..	1	0 16 0
2711	Caistor - -	Lower Gram. Sch., Church Street.	29	20	8	6	8 13 0
2716	Gainsborough - -	Britannia Iron Works, Trinity Street.	25	25	1	1	5 2 0
2720	Grantham - -	Girls' Nat. Sch., Castle Gate.	13	13	18	..	2 2 6
2720A	„ - -	New Spittlegate Nat. Sch., Castlegate.	30	75	..	12	15 8 7
2725	Grimsby (Great) -	Prim. Meth. Sch., Garibaldi Street.	15	12	1	1	0 2 6
2739	Lincoln - -	Guild Court, Bull Ring Terrace.	..	40	..	5	7 5 0
2736	„ - - -	Brit. Sch., Newland -	66	55	9	1	
2736A	„ - - -	Sch. Room, St. Benedict's Square.	..	12	..	3	11 16 0
2736B	„ - - -	Beaumont Fee Sch.	..	10	..	4	
2737	„ - - -	Sch. of Art, Silver Street	..	20	..	3	28 10 0
2762	Moulton (nr. Spalding).	Grammar Sch. - -	..	25	..	12	9 0 0
2755	Spalding - -	Gram. Sch., Priory Road	..	20	..	..	2 7 3
2751	Stamford - -	Blue Coat Endowed Sch., St. Peter's Hill.	30	24	..	..	..
2751A	„ - -	Lecture Room Inst. -	20	..	8	..	..
2754	Sturton-by-Stow -	Board Sch. - -	..	12	..	1	2 10 0
2760	Tetney - - -	Board Sch. - -	6	4	1	2	..
	MIDDLESEX.						
3190	Acton - - -	Girls' Sch., Oldham-Ter.	10	20	..	1	2 10 0
2849	Brentford - -	Brit. Sch., High Street -	..	15	..	10	8 10 0
2896	Ealing - - -	Brit. Sch., Lancaster Rd.	18	16	1	1	2 2 6
3181	Enfield Highway -	Baptist Sch., Totteridge road.	30	12	1	8	10 19 0
3176	Finchley - -	North End Congregational Sch.	24	12	..	..	..
3188	Harrow-on-the Hill -	Young Men's Soc. -	20	10	1	..	..
3202	Hendon - -	Brit. Sch., New Brent St.	..	10	..	1	1 5 0
3191	Hounslow - -	Mission Hall, Ordnance Road.	15	15	..	..	5 5 0
3070	Pinner - - -	Cocoa Tree Club, High Street.	16	..	..	..	..
3071	„ - - -	Commercial Travellers' Sch.	85	100	32	30	..
3183	Turnham Green -	Devonshire Club and Inst., Camden House.	40	22	10	4	4 5 0
3127	Twickenham - -	Collegiate Sch., Grosvenor Road.	20	16	1	3	9 10 0

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	
	LONDON. (School Board District):—						£ s. d.
2804	Aldersgate Street -	Telegraphist Sch. in G. P. O., St. Martin's-le-Grand.	40	45	1	11	7 15 0
2805	„ -	Young Men's Christian Association, 186, Aldersgate Street.	..	70	..	..	2 15 0
2802	Barnsbury - -	St. Clement's Nat. Sch., Cumberland St., Arundel Square.	20	25	..	2	..
2811	Bethnal Green -	Birkbeck Sch., Cambridge Road.	110	110	10	16	23 13 6
2816	„ -	Board Sch., Olga Street, Roman Road.	35	40	..	..	2 4 0
2818	„ -	Parmiter's Sch. - -	120	..	9	..	..
2827	Bishopsgate - -	Bishopsgate Upper Sch., Skinner Street.	45	40	3	3	10 10 6
2828	„ - -	Girls' Sch., Primrose St.	40	45	..	..	5 19 0
2832	Bloomsbury - -	Wkg. Men's College, 45, Great Ormond Street.	100	135	8	23	25 15 0
2834	„ - -	Ch. Ch. Sch., LittleGuildford Street, Russell Sq.	10	15	3	..	..
2841	Bow - - -	Bow and Bromley Inst., Bow Railway Station.	274	90	39	56	45 15 3
2843	„ - - -	Sci. Sch., 400, Old Ford Road.	60	40	9	16	6 8 6
2847	„ - - -	Board Sch., Fairfield Road.	65	60	..	2	4 10 6
2851	Bromley-by-Bow -	Nat. Sch., Priory Street	20	15	1	2	1 13 0
2853	„ -	Board Sch., Byron Street	..	20	..	2	..
2861	Chancery Lane -	Birkbeck Lit. Inst., Southampton Buildings.	600	700	167	199	65 14 6
2862	Chelsea - - -	Boys' Sch. - - -	..	..	..	..	..
2863	„ - - -	Onslow College, 183, King's Road.	260	240	19	21	48 5 0
2865	„ - - -	St. Mark's College Sch. -	120	120	42	70	..
2867	„ - - -	Whitelands College Sch.	32	30	..	..	..
2871	„ - - -	St. Jude's Youth's Inst., Turk's Row, Lower Sloane Street.	20	25	3	5	9 15 0
3088	Clerkenwell - -	Board Sch., St. John's Lane.	12	15	1	3	2 5 0
2891	Dalston - -	Private Sch. - -	15	15	..	..	..
2900	Farringdon Road (nr. Hatton Garden).	St. Peter's Sci. Inst., Onslow Street.	90	60	1	1	2 0 0
2903	Goswell Road - -	St. Thomas' Charterhouse Sch. of Sci. and Art.	380	400	70	89	133 0 0
2912	Hackney - -	Board Sch. - -	30	..	..	..	..
2908	„ (South) -	Sci. Sch., 25 and 28, Hackney Terrace, Cassland Road.	40	44	12	16	3 15 0
2914	Hammersmith -	Broadway Lecture Hall -	30	35	7	5	8 7 6
2918	„ -	St. Mathew's Nat. Sch., Ceylon Road, Masbro' Road.	..	6	..	..	..
2920	Hampstead - -	St. Stephen's Sch., Worsley Rd. Downshire Hill.	20	12	3	2	8 5 0
2926	Haverstock Hill -	Board School, Truro St., Prince Wales Road.	30	20	1	..	..
2927	„ „ -	Orphan Working Sch., Maitland Park.	65	65	41	40	..
2933	Holloway - -	Holloway College, 2 and 4, Spencer Road.	135	150	11	14	6 12 6
2935	„ - -	St. John's Youths' Inst., St. John's Sch., Upper Holloway.	20	15	2	7	..
2937	„ (Upper) -	St. Stephen's Sch. -	24	..	..	..	..

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
3177	Holloway - -	Girl's Sch., Gifford St., Caledonian Road.	20	16	..	..	..
2946	Hornsey (South) -	Wordsworth Road Bd. Sch.	90	20	3	5	3 2 6
2949	Hoxton - - -	Holy Trinity Sch., Church St., Herbert Street.	12	10	..	..	0 16 0
2951	„ - - -	Wes. Sch., Mintern Street	75	65	8	9	..
2959	Islington - -	Boys' Nat. Sch., Cloudesley Street.	44	44	6	24	1 17 0
2963	„ - -	Youths' Inst., St. George's Hall, Richmond Road, Barnsbury.	100	36	7	3	17 10 0
2964	„ - -	Sci. and Art Sch., Windsor Street, Essex Rd.	245	240	72	95	48 18 0
2968	„ - -	Highbury Inst., Compton Avenue, Canonbury Road.	120	200	19	24	36 18 0
2976	Kensington - -	Brit. Sch., Allen Street -	65	40	7	15	14 10 0
2982	Kentish Town - -	Training Sch., Wilkin Street.	20	6	1	..	1 10 0
2985	„ - -	Board School, Mansfield Place.	60	40	2	2	..
2986	„ - -	Gospel Oak Sch., Allcroft Road.	120	110	9	7	24 6 0
2987	„ - -	Nat. Sch., Islip Street -	..	80	..	3	2 10 0
2989	Kilburn - -	St. Augustine's Boys' Sch., Kilburn Park Rd.	30	28	6	4	14 14 0
2991	Kingsland - -	Middle Class Sch. -	80	..	..	..	..
2993	„ - -	North London Sch. of Sci. and Art, Sandringham Road.	30	35	4	4	..*
3000	52, Leadenhall Street	City of London College -	575	500	50	40	147 17 6
3004	Limehouse - -	Board Sch., Thomas St., Burdett Road.	60	60	1	4	3 16 0
3011	Marylebone - -	Quebec Inst., 28, Baker Street.	21	30	..	..	..
3012	„ - -	St. Andrew's Parochial Schs., 71, Wells Street.	100	84	20	19	..
3014	„ - -	Board School, Bell St.	120	100	24	25	64 16 6
3016	„ - -	Gram. Sch., Ogle Street, Fitzroy Square.	50	40	..	1	17 17 6
3010	„ - -	Central Schs., 63, High Street.	..	50	..	10	24 17 8
3022	May Fair - -	Curzon Boys' Sch., Market Street.	50	50	12	1	..
3040	Notting Hill - -	St. James' Norlands Sch., St. John's Place, St., James' Square.	..	50	..	9	12 3 0
3039	„ - -	Congregational Church Sch.	30	..	..	..	..
3046	Old Street, E. C. -	St. Luke's Parochial Sch., 188, Old Street.	30	35	7	9	0 15 0
3047	„ „ -	Hall of Science, Minor Hall, 142, Old Street.	100	160	14	20	28 7 6
3047A	Oxford Street - -	Practical Sci. Laboratory, 13, Newman Street.	..	25	..	7	14 10 0
3011A	„ - -	Berners' Coll. of Experimental Sci., 44, Berners Street.	..	26	..	5	..
3050	Paddington - -	St Michael's Sch., Star Street.	16	12	..	..	..
3052	„ - -	St. Paul's Boys' Sch., Waverley Terrace.	..	10	..	2	3 5 0
3053	„ - -	Westbourne Park Chapel, Porchester Road, W.	40	20	3	6	5 12 6
3134	Westbourne Park -	St. Stephen's Sch. -	30	20	3	2	..
3205	Poplar - - -	Nat. Sch., High Street -	..	20	..	..	3 4 0
3074	„ - - -	Trinity Board Sch., Upper North Street.	13	17	..	..	..

* Included in fees for instruction in Art.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
3076	Poplar	Cotton Street Sch., East India Road.	12	12	..	..	2 14 0
3199	„	St. Stephen's Reading Room, East India Road.	40	50	10	4	5 12 6
3089	Portland Town, N.W.	St. John's and St. Stephen's Nat. Sch., Henry Street.	12	12	..	4	4 14 6
3080	Queen's Park, Harrow Road.	Board Sch.	90	90	14	..	20 5 0
3084	Regent Street	Royal Polytechnic Inst.	93	..	17	..	..
3092	St. Martin's Lane (Upper).	Artizans' Inst.	30	..	4	..	..
3093	St. Pancras	Mutual Impt. Soc., Argyle Square, Kings Cross.	..	..	..	..	..
3094	„	St. Pancras Church Inst., 138, Euston Rd.	10	15	..	..	..
3094A	„	The Schoolroom, Sandwich Street.	..	16	..	6	9 0 0
3203	Shepherds Bush	St. Stephen's Nat. Sch., Uxbridge Road.	..	..	..	..	..
3097	Somers Town	Board Sch., Aldenham St.	100	82	25	38	45 16 0
3104	Stepney	Ben Jonson Board Sch., Harford Street.	50	50	..	1	15 15 0
3106	„	Meeting Sch., Garden St.	20	16	..	..	1 4 0
3107	„	Mile End Old Town Sch.	24	..	5	..	..
3122	Stoke Newington	Wellington Road Sch., N.	60	70	2	..	..
3195	Strand	King's College, Sch. of Practical Art.	15	20	..	4	34 17 6
3169	„	Young Men's Chris. Inst., 5, Salisbury Street.	30	32	1	..	8 9 0
3204	Tottenham Court Rd.	St. John's Schs., 54A, Tottenham Court Rd.	..	40	..	..	..
3134	Westbourne Park	St. Stephen's Sch., 91, Westbourne Park Rd.	30	20	3	2	3 10 0
3140	West London	Sch. of Sci. and Art, 155, Great Tichfield Street.	30	50	1	1	..
3142	Westminster	Grosvenor Hall, Buckingham Palace Road.	50	40	1	4	..*
3143	„	St. James-the-Less Nat. Sch., Chapter St., Vauxhall Bridge Road.	100	90	17	19	44 17 0
3144	„	Sch. of Art, Royal Architectural Museum 18, Tufton St., Dean's Yd.	..	6	2	..	..
3145	„	St. Margaret's Parochial Sch., New Tothill St.	15	16	3	6	3 11 3
3148	„	Wes. Practising Sch., 130, Horseferry Road.	20	20	..	4	..
3149	„	St. Stephen's N. S., Rochester Row.	50	30	1	..	6 8 0
3151	„	St. Andrew's Sch., Ashley Place.	..	32	..	11	8 18 6
	MONMOUTHSHIRE						
3304	Chepstow	Boys' Board Sch., Station Road.	12	10	..	..	3 0 0
3305	Ebbw Vale	Lit. Inst.	40	35	4	8	6 19 6
3308	Newport	Sch. of Sci. and Art, Albert Hall Chambers, Stow Hill.	20	40	7	6	7 1 0
3305A	Tredegar	Town Hall, the Circle	30	30	..	3	4 0 3
	NORFOLK.						
3400	Banham	Commercial Sch., Church Green.	15	15	..	1	..
3422	Cley-next-the-Sea	Board Sch.	6	..	..	..	..

* Science fees included in Art fees.

Appendix P.

SCIENCE SCHOOL RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	
							£ s. d.
3421	Downham Market -	Nat. Sch. - -	6	..	..	..	..
3402	King's Lynn - -	Athenæum, Baxter's Plain.	35	72	3	5	6 5 0
3405	Norwich - -	Boys' Model Sch., Princes Street.	30	12	19	3	..
3407	„ - -	Presbyterian Sch., Calvert Street.	50	50	26	1	13 6 6
3409	„ - -	Sch. of Sci. and Art. St. Andrew's, Broad St.	26	21	1	3	..
3413	„ - -	Class Room, Meth. Ch., Chapel Field Rd.	20	20	7	10	..
3414	„ - -	Ch. of Eng. Young Men's Soc.'s Rms., Little Oxford St.	20	24	11	10	..
3423	Thorpe - -	St. Andrew's Nat Sch.	..	6	..	..	3 0 0
3419	Wymondham - -	Central Bd. School, Brownick Lane.	15	10	3	..	1 15 0
3416	Yarmouth (Great) -	Sch. of Science and Art, South Quay.	56	90	15	..	58 17 0
3417	„ -	Gram. Sch. - -	25	30	10	..	40 0 0
3418	„ -	Brit. Sch. St. George's Road.	13	27	5	..	2 0 0
	NORTHAMPTONSHIRE.						
3506	Daventry - -	Assembly Hall, Foundry Place.	6	6	2	1	0 10 0
3509	Kettering - -	Boys' Nat. Sch. -	..	..	..	..	..
3545	„ - -	Girls' Nat. Sch., Market Square.	40	50	9	12	7 2 6
3515	Northampton - -	School of Sci. and Art, Gram. Sch., Abingdon Square.	174	162	51	64	36 5 6
3516	„ - -	Board Sch. - -	25	16	..	..	..
3530	Raunds - -	Wes. Sch. - -	30	20	6	9	3 9 0
3532	Rothwell (near Kettering).	Brit. Sch., School Lane -	20	14	1	1	1 8 0
3541	Wellingborough -	All Saints' Nat. School, Castle Street.	..	20	..	..	6 0 0
	NORTHUMBERLAND						
3601	Alnwick - -	Mech. Inst., Percy St. -	..	..	..	..	..
3646	Ashington Colliery, near Morpeth.	Sch. Room - -	25	20	6	6	9 14 0
3658	Backworth - -	Board Sch. - -	..	20	..	4	15 13 6
3648	Bedlington - -	C. of E. Sch., Vulcan Place.	15	12	1	3	1 15 0
3647	„ - -	Barrington Colliery Sch.	16	..	..	..	..
3649	„ - -	Colliery Sch. - -	10	10	..	3	..
3606	Belford - -	Nat. Sch. - - -	20	..	..	..	..
3657	Choppington - -	Infant Sch. - -	..	12	..	3	4 0 0
3654	Blyth - - -	Mech. Inst., Bridge St. -	15	20	4	8	6 15 6
3652	„ - - -	New Delaval Colliery Sch.	..	25	..	..	8 0 0
3656	„ - - -	Colliery Sch., Cambois -	10	9	3	..	4 10 0
3655	Cowper Lane - -	Bebside Colliery School, Front St.	10	20	5	4	4 17 6
3607	Cowpen Quay - -	Board Sch., - -	18	25	1	..	..
3651	Cramlington - -	Colly. Sch., Shankhouse	20	15	4	5	4 5 0
3611	Haltwhistle - -	Board Sch., West Croft Head.	..	12	..	1	2 19 3
3630	Killingworth - -	Burradon Colliery Sch. -	40	50	7	2	..
3613	Morpeth - -	Sch. of Sci. and Art, Mech. Inst., Old Chapel.	..	12	..	..	2 0 0
3629	Newcastle-on-Tyne -	Byker Bd. Sch., Heaton Park Rd.	24	12	3	..	2 13 6
3620	„ -	Board Sch., Westmoreland Road.	36	28	3	1	5 12 0

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	£ s. d.
3616	Newcastle-on-Tyne	Mech Inst., Elswick	150	240	69	77	49 4 0
3617	"	Sch. of Sci. and Art, Mech. Inst., New Bridge Street.	135	160	22	24	36 0 0
3626	"	Sch. of Sci. and Art, Bath Lane, Corporation Street.	250	430	165	194	159 3 6
3621	"	Sch. of Sci. and Art, Library Place, Westgate Road.	30	20	2	1	17 15 1
3659	"	North Eastern Inst., Central Ry. Station.	..	30	..	3	10 4 0
3614	North Seaton	Boys' School	..	12	..	2	..
3631	North Shields	Ch. Ch. Sch., Albion Rd.	26	12	2	3	2 0 0
3632	"	Free Library, Howard St.	30	32	9	5	..
3633	"	Kettlewell Sch., George Street.	20	35	2	4	..
3636	Seaton Delavel	Colliery Sch.	10	..	..	..	..
	NOTTINGHAMSHIRE.						
3740	Bulwell	Nat. Sch., Main St.	12	12	4	1	3 15 0
3741	Carlton	Board Sch.	20	..	3	..	..
3743	Eastwood	Nat. Sch., Church St.	30	30	5	2	3 15 0
3705	Mansfield	Sch. of Sci. and Art, Mech. Inst., Queen St.	30	24	..	..	..
3707	Newark-on-Trent	Mech. Inst., Middlegate	30	..	..	..	0 13 0
3722	Nottingham	High Pavement, Boys' Sch.	25	20	2	3	..
3762	"	St. Mark's Sch.	18	15	..	..	..
3763	"	All Saints', Upper Sch.	38	..	2	..	..
3764	"	Young Men's Christ. Assoc., Mansfield Rd.	16	10	..	..	..
3708	"	University Coll., Shakespeare Street.	40	500	36	49	65 7 6
3766	"	Board Sch., Alfreton Rd.	..	20	..	..	3 2 6
3767	"	St. Pauls' Sch., Cross St.	..	18	..	..	1 10 0
3735	Worksop	Abbey Boy's Sch., Vicarage Walk, Potter St.	..	30	..	8	4 7 0
	OXFORDSHIRE.						
3801	Banbury	Nat. Sch., Southam Rd.	..	20	..	2	2 17 6
3802	"	Ark House Sch.	32	30	} 6 {	1	..
3803	"	Brit. Sch., Cherwell	24	16	} {	4	0 6 0
3806	"	Girls' Brit. Sch., Crouch Street.	..	..	..	..	..
3807	"	Boys' Brit. Sch., Crouch Street.	15	12	..	..	4 12 6
3808	"	The Acad. N., 21, The Parade.	20	20	..	..	..
3822	Oxford	University Museum	45	98	22	} 27	..
3823	"	Wes. Sch., New Inn, Hall Street.	40	50	..		..
	SHROPSHIRE.						
3901	Coalbrookdale	Sch. of Sci. and Art, Lit- and Sci. Inst.	5	5	3	..	.. *
3902	Dawley	Nat. Sch., Brandlee	15	15	1	3	5 0 0
3922	"	Coalbrookdale Coy. Sch., Pool Hill.	..	40	..	1	4 8 0
3923	Hadley	Board Sch.	..	12	..	1	1 8 0
3906	Oswestry	Inst., Pub. Hall	12	..	..	..	..
3908	Shrewsbury	Sch. of Sci. and Art, Vaughan's Mansions.	14	17	9	3	4 15 0
3921	"	St. Alkmond's Boys' Sch.	..	19	..	..	..
3917	Wem	Gram. Sch.	25	18	..	..	..
	SOMERSETSHIRE.						
4006	Bath	City Laboratory, 36 Broad Street.	100	60	19	13	13 10 0

* Science fees included in Art fees.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
4007	Bath	Widcombe Par. Sch.	73	..	3	..	..
4057	„	Argyle Coll. Sch., 6, Argyle Street.	..	40	..	1	..
4001	„	Sch. of Sci. and Art, 33, Paragon.	25	20	1	1	3 2 6
4052	Bridgwater	College Sch., Lonsdale House, Dampier St.	16	21	2	6	8 0 0
4053	Crewkerne	Nat. Sch.	3	..	..	..	..
4014	Evercreech	Nat. Sch.	10	6	1	..	..
4017	Frome	Sch. of Sci. and Art, Lit. Inst.	17	15	2	..	..
4018	„	Brit. Sch., Milk Street	..	22	..	..	3 12 6
4070	Huntspill	Westn. side, Board Sch.	..	12	..	1	..
4022	Ilminster	Gram. Sch. (Boys'), Silver Street.	10	13	..	..	..
4021	Mells	Boys' Sch., New Street	..	6	..	..	0 8 0
4028	Shepton Mallet	Nat. Sch.	6	8	..	..	0 10 0
4032	Taunton	Sch. of Sci. and Art, Bath Place.	..	5	1	..	..
4047	Yeovil	Reckleford Street, Board Sch.	35	35	4	3	1 0 0
	STAFFORDSHIRE.						
4106	Bilston	Cosely Nat. Sch.	..	16	..	1	0 15 0
4105	„	Free Library Town Hall	30	20	..	..	..
4108	„	Sch. Room, West Coseley.	..	12	..	..	..
4114	Brierley Hill	Board Sch., Moor Street	50	40	7	4	8 7 6
4116	Burslem	Sch. of Sci. and Art, Wedgwood Inst.	100	100	17	31	68 2 0
4120	Burton-on-Trent	Sch. of Sci. and Art, Union St.	35	50	1	18	21 18 0
4121	„	Inst., Union Street	70	..	10	..	..
4123	„	Board Sch., Guild Street	..	50	..	1	..
4246	Darlaston	Parish Ch. Sch., School Street.	15	20	8	8	3 0 0
4137	Great Wyrley	Wkg. Men's Inst	6	..	..	..	..
4138	Handsworth	Commercial Sch., Wretham Road.	25	35	1	2	..
4224	„	Villa Cross Sch., Heathfield Road.	18	18	..	1	..
4142	Hanley	Potteries Mech. Inst., Pall Mall.	50	20	6	4	..
4143	„	Wes. Sch., Charles St.	18	10	4	2	1 9 6
4151	Lichfield	Sch. Room	15	..	..	..	..
4168	Stafford	Sch. of Sci. and Art, Borough Hall, Eastgate Street.	28	6	..	..	5 12 6
4173	Stoke-on-Trent	Minton Meml. Building, London Road.	..	24	..	7	8 11 5
4173A	„	Free Library Building., London Road.	..	26	..		6 9 3
4176	Tipton	Nat. Sch. Room	10	..	1	..	..
4184	Tunstall	Endowed Sch., Lyndhurst Street.	60	50	14	7	16 7 0
4190	Walsall	Grammar Sch., Lichfield Street.	35	70	6	13	..
4188	„	Sch. of Sci. and Art, the Inst., Station Street.	80	100	19	32	29 11 0
4195	Wednesbury	Free Library, Walsall Street.	120	80	7	17	15 12 0
4196	„	Higher Grade Sch., Walsall Road.	25	35	5	..	..
4197	Wednesfield	Nat. Sch., Graiseley Lane	..	24	..	..	1 18 0
4199	West Bromwich	Board Sch., Lyng	40	20	7	5	..
4200	„	Christ Church Sch., Walsall Street.	10	30	3	2	..
4205	„	Grammar Sch., New St.	25	10	1	..	2 9 0

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
4212	Wolverhampton -	Free Library, Garrick Street.	200	175	34	44	23 8 6
4213	„ - -	St. Peter's Sch., St. Peter's Walk.	70	90	28	..	..
4215	„ - -	Sch. of Sci. and Art, Darlington Street.	45	80	6	6	45 7 0
4220	„ - -	Board Sch. - -	6	..	..	..	..
4206	Willenhall - -	Free Library Buildings -	33	..	1	..	..
	SUFFOLK.						
4303	Beccles - - -	Mr. Hockey's Mid. Class Sch., Ballygate Street.	..	60	..	9	..
4302	„ - - -	Town Hall, Smallgate St.	20	15	9	7	2 10 0
4304	Bury St. Edmunds -	Guildhall Mid. Sch., College Street.	27	33	7	6	..*
4321	Gorleston - -	Board Sch., Stradbroke Road, Lowestoft Road.	12	18	..	..	..
4306	Ipswich - -	Sch. of Sci. and Art, High Street.	18	60	3	13	20 7 6
4307	„ - -	Museum - - -	15	..	2	..	..
4311	Lowestoft - -	Sch. of Sci. and Art, Public Lib., London Road.	10	18	..	..	..
4312	„ - -	Young Men's Christ. Assoc.	10	..	1	..	..
	SURREY.						
4404	Battersea - -	Wes. Meth. Chapel Sch., Landseer Street.	90	90	22	10	43 4 0
4402	„ - -	Park Board Sch., Park Road.	..	42	..	4	16 2 6
4405	„ - -	Vicarage House Sch., Battersea Square.	..	..	..	..	..
4413	„ - -	Sir W. St. John's Mid. Class Sch., High Street.	60	50	10	5	2 13 0
4414	„ - -	Orkney Street Sch. -	35	10	3	..	..
4411	„ (West) -	Belmont Works - -	40	60	6	3	16 11 6
4418	Battersea Rise -	Royal Masonic Inst. (for Girls), St. John's Hill.	70	120	6	9	..
4420	Bermondsey - -	Board Sch., Monnow Road	60	12	6	..	7 10 0
4421	„ - -	Harold's Sch., Drummond Road.	15	15	6	5	3 18 0
4422	„ - -	Board Sch., Webb St. -	..	100	..	2	19 19 6
4525	Blackfriars Road -	Board Sch., Hatfield St.	60	60	4	2	7 3 0
4427	Brixton - -	Ch. Ch. Youths' Inst., Cancell Road.	25	30	1	2	1 17 0
4537	„ - -	Board Sch., Effra Road -	30	80	14	15	20 16 3
4433	Camberwell - -	Green Coat and Nat. Sch., Camberwell Green.	40	60	9	5	..
4535	„ - -	Board Sch., Boundary Lane.	200	150	15	12	34 6 0
4556	„ - -	Board Sch., Leipsic Road	50	30	..	3	..
4562	„ - -	St. Saviour's Sch. -	40	25	..	..	..
4552	Carshalton - -	Cottage Reading Rooms	..	37	..	3	9 0 0
4568	Caterham - -	Reedham Asylum for Fatherless Children.	50	60	4	13	..
4563	Chilworth - -	Gresham Press Inst. -	20	24	6	6	4 4 0
4553	Clapham Park -	Queenswood Sch., King's Road.	..	..	..	..	..
4440	Croydon - -	Sch. of Sci. and Art., Lit. and Sci. Inst., George Street.	35	40	5	2	11 12 6
4565	„ - -	Board Sch., Oval Road. -	20	25	..	..	..
4566	„ - -	Sunflower Coffee Tavern	..	12	..	1	2 9 0
4446	Farnham - -	Sch. of Art - -	..	..	..	..	..
4449	Godalming - -	Boys' Brit. Sch. - -	18	15	} 10	11	{ 4 7 6
4449A	„ - -	Nat. Sch., Moss Lane -	17	17			{ ..
4449B	„ - -	Friends' Meeting House, Mill Lane.	..	..	}		..
4451	Guildford - -	Castle House Sch., Quarry Street.	26	24	..	..	..

* Science fees included with Art fees.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
4452	Guildford	Archbishop Abbott's Sch., North Street.	120	80	21	33	47 17 6
4453	„	Wkg. Men's Inst., Lea Pale Street.	18	20	2	..	8 10 0
4454	„	Archbishop Abbott's Hospital, High Street.	30	12	..	5	13 10 0
4455	„	Ladies' Collegiate Sch.	20	20	..	..	..
4530	„	Westbury House Ladies' Sch.	20	16	..	..	..
4538	„	Ward Street Hall, North Street.	..	..	..	..	..
4430	Herne Hill	Board Sch., Jessop Rd.	24	20	6	..	1 18 6
4540	Horsleydown	St. Olaves' Gram. Sch., Queen Elizabeth St., Tooley Street.	7	6	1	..	7 0 0
4431	Kennington	St. John's Middle Class School.	56	60	30	37	22 2 6
4432	„	St. John's Youth's Inst., 149, Camberwell New Road.	10	50	..	1	5 9 6
4549	„	Boys Sch.	30	..	2	..	..
4459	Kingston-on-Thames	Tiffin's Boys' Sch., Fairfield, South.	50	40	..	2	..
4459A	„ „	Tiffin's Girls' Sch., Fairfield, South.	60	45	4	6	..
4461	Lambeth	Boys' N. Sch., Hercules Buildings.	150	150	24	26	75 12 0
4561	London Road, S.E.	St. Jude's Sch., Richmond Street.	20	20	1	2	..
4541	Long Ditton	Sch. Rm., Rushett St.	..	20	..	3	2 0 0
4465	Norwood (Upper)	Bd. Sch., Westow Hill	..	20	..	2	9 7 6
4547	Peckham	Board Sch., Woods Road	..	60	..	3	8 15 0
4467	„	Tech. Sch., Asylum Rd.	150	150	72	82	202 0 0
4470	„	Wesleyan Sch., Stafford Street, High St.	50	50	14	18	..
4472	„	Board Sch., Gloster Rd.	35	50	2	..	0 16 6
4473	„	Board Sch., Sumner Road.	20	20	3	..	7 4 0
4474	„	Board Sch., Lower Park Road.	90	25	..	..	..
4545	„	St. Mary's Coll., Hanover Park.	40	..	5	..	..
4544	„	Birkbeck Sch., Willow Brook Road.	..	120	..	1	14 10 0
4468	„	Ch. Ch. Nat. Sch., Asylum Rd.	..	12	..	1	..
4477	Penge	Wkg. Men's Inst.	10	20	..	..	..
4481	Reigate	Gram. Sch.	..	20	..	1	..
4481A	„	Public Hall	25	70	4	8	14 14 0
4482	Richmond	Brit. Sch., The Vineyard	60	15	1	2	2 5 0
4557	Shaftesbury Park	Prim. Meth. Chapel, Grayshott Road.	15	15	1	1	3 2 6
4492	Southwark	Wes. Sch., Chapel Place	30	50	..	..	3 5 6
4554	Stockwell	Spurgeon's Orph., Clapham Road.	70	102	4	7	..
4495	„	St. Andrew's Nat. Sch., Lingham St.	30	30	10	5	14 12 0
4497	„	Educational Inst., Stockwell Green.	50	60	2	10	17 6 6
4498	Streatham	Royal Asy. of St. Anne's Society.	46	43	3	2	..
4501	„	Immanuel Ch. Missn. Rms., Greyhound Ln.	..	18	..	3	8 5 0
4503	Tooting (Upper)	Ch. Inst., Wiseton Road	45	35	4	2	12 0 0
4505	„ „	St. Mary Magdalene, Mid. Class Sch., Trinity Rd.	20	20	1	1	..
4426	Vauxhall	Working Men's College, 143, Upper Kennington Lane.	14	8	5	1	..

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	
							£ s. d.
4506	Vauxhall - -	L. and S. W. R. Lit. Inst., 54, Wandsworth Road.	10	100	3	..	9 11 2
4508	Walworth - -	Lit. and Sci., Inst., 302, Walworth Road.	6	45	1	7	5 10 0
4579	Westminster Bdge. Rd.	Messrs. Maudslay, Sons, and Field's Sch. Room.	22	38	1	4	3 18 0
4524	„ - -	Yorkshire Socy's Sch. -	..	26	..	10	..
4528	Woking - -	Schoolroom, Church St. -	11	9	1	1	1 7 6
	SUSSEX.						
4603	Brighton - -	Sch. of Sci. and Art, Grand Parade.	170	200	67	48	207 11 0
4603A	„ - -	Board Sch., Haddington St., Hove.	12	10	1	1	5 4 0
4604	„ - -	Central N.S., 106, Church Street.	..	12	..	..	2 0 0
4608	Eastbourne - -	Mutual Improvement Society.	15	20	1	..	..
4611	Hastings - -	Sch. of Sci. and Art, Claremont.	56	80	21	5	23 15 6
4612	Hawkhurst - -	Brede Bd. Sch. - -	18	..	1	..	..
4618	Midhurst - -	Grammar Sch., North St.	40	20	2	5	3 5 0
	WARWICKSHIRE.						
4719	Aston - - -	Bd. Sch., Lozells Road -	15	..	..	..	..
4701	Atherstone - -	Gram. Sch. - -	..	12	..	..	2 10 0
4702	Birmingham - -	Bloomsbury Inst. -	30	70	6	4	9 2 6
4741	„ - -	Newhall Hill Sch. -	25	14	..	..	1 4 3
4705	„ - -	Blue Coat Sch. - -	44	58	22	39	..
4706	„ - -	Brit. Sch., Severn Street	75	68	7	6	16 17 1
4711	„ - -	Francis Rd., Sci. Sch., Edgbaston.	100	120	15	24	16 2 1
4738	„ - -	Mid. Class Sch., Priestley Rd., Camp Hill, Sparkbrook.	40	30	1	1	..
4713	„ - -	Friends' Bible Mission, Severn St.	100	100	10	12	11 16 6
4714	„ - -	King Edward's Lower Mid. Sch., Edward St.	80	80	7	18	..
4794	„ - -	Gem St. Sch. - -	..	30	..	2	..
4716	„ - -	Hurst Street Sch. -	80	120	22	15	9 19 3
4722	„ - -	Inst., Howard Street -	80	50	6	5	..
4760	„ - -	Icknield St., Board Sch.	80	70	..	9	..
4796	„ - -	Board Sch., Dixon Road, Smallheath.	..	110	..	8	..
4753	„ - -	Islington Sci. Inst. Mid. Class Sch., Bath Row.	35	30	2	..	..
4737	„ - -	St. Clement's, High Park Street.	20	25	3	1	1 0 0
4756	„ - -	High Sch., Birchfield Rd.	35	34	6	..	..
4723	„ - -	Bd. Sch., Farm Street -	120	85	18	11	7 4 10
4724	„ - -	Midland Inst., Paradise Street.	340	380	60	115	143 14 6
4724A	„ - -	Board Sch., Bristol St. -	60	80	9	14	7 2 9
4726	„ - -	Cornwall Works, Rabone Lane, Soho.	17	30	4	1	12 16 6
4728	„ - -	Board Sch., Steward St.	63	65	14	13	4 11 6
4729	„ - -	Board Sch., Jenkins St. -	23	..	3	..	..
4795	„ - -	Nelson St. Board School	..	12	..	..	1 10 5
4755	„ - -	Board Sch., Elkington Street.	40	70	11	22	5 11 0
4793	„ - -	Bd. Sch., Hospital St. -	35	60	10	13	6 1 5
4727	„ - -	Moseley Road Bd. Sch. (Science).	55	45	13	7	5 19 11
4744	„ - -	Sch. of Sci. and Art Mid. Inst., Paradise Street.	23	60	8	7	33 15 0
4744A	„ - -	Board Sch., Bristol St. (Branch of S. and Art).	20	23	2	1	8 2 6

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
4746	Birmingham	Board Sch., Osler Street (Branch of S. and Art).	40	40	5	..	19 0 0
4747	„	Bd. Sch., Jenkin St. (Bh. of Sci. and Art).	15	17	1	..	..
4748	„	Smith St. Sch. (Branch of Sci. and Art).	20	28	5	4	13 2 6
4749	„	Moseley Rd. Bd. School (Branch of S. and Art).	15	22	3	1	9 0 0
4762	Coventry	St. Peter's N.S.	20	20	1	6	..
4763	„	Sch. of Sci. and Art, Ford Street.	120	177	27	16	23 19 6
4770	Leamington	Sch. of Sci, and Art, 29, The Parade.	4	6	..	..	3 12 0
4776	Rugby	Inst., High Street	10	12	..	..	..
	WESTMORELAND.						
4801	Kendal	Schs. of Sci. and Art, New Road.	100	80	23	21	18 15 0
	WILTSHIRE.						
4940	Calne	Lit. Inst. Church St.	9	8	1	..	0 10 0
4901	Devizes	Sch. of Sci. and Art, Assize Courts.	12	10	..	1	..
4905	Melksham	Brit. Sch., Lowbourne Road.	10	10	2	5	3 10 0
4907	„	Miss Fowler's, or the Free Hall	8	5	1	..	..
4907A	„	Parish Room	..	6	..	1	0 3 4
4913	Salisbury	Sch. of Sci. and Art, Hamilton Hall.	45	25	6	4	4 15 0
4916	„	Middle Class Sch.	20	24	3	..	..
4919	Swindon	Great Western Railway Works, Bristol Street and High Street.	27	12	6	3	2 11 0
4920	„	Great Western Railway Sch., Sandford Street.	30	20	5	1	2 8 0
4921	„	Board Sch., College Street.	100	120	22	28	30 15 0
	WORCESTERSHIRE.						
5004	Bewdley	The Inst., Load Street	20	30	7	4	10 8 0
5003	Bewdley and Wribbenhall.	Wkg. Men's Inst., British Sch.	20	22	1	..	..
5085	Blackheath	Nat. Sch., Long Lane	24	30	3	1	..
5007	Droitwich	Boys' Coventry Sch., Holloway Road.	20	7	..	..	..
5008	„	St. Peter's Boys' Nat. Sch., Holloway.	25	30	..	..	..
5013	Dudley	Holly Hall Sch.	16	..	..	..	..
5014	„	Mech. Inst., Wolverhampton Street.	80	90	35	26	42 6 3
5015	„	Middle Class Sch., Kate's Hill.	8	10	2	1	8 10 0
5017	„	Sch. of Sci. and Art, Upper King Street.	18	15	4	1	4 5 3
5030	Kidderminster	Sch. of Sci. and Art, Commercial Buildings, Exchange Street.	15	16	..	3	..
5034	King's Heath	Institute	6	12	..	1	7 15 9
5036	Malvern Link	Nat. Sch.	36	..	..	..	..
5037	Malvern	Wes. Sch. Room.	15	..	..	..	..
5039	North Malvern	Nat. Sch.	10	10	7	4	2 0 0
5040	Oldbury	Nat. Sch.	..	20	..	..	1 1 0
5043	„	Independent Sch., Talbot Street.	12	11	..	..	8 9 0
5048	Quinton	Nat. Sch.	12	9	1	..	..
5050	Redditch	Nat. Sch., Peakman Street	20	17	4	4	1 9 9
5051	„	Wes. Sch.	15	..	1	..	..

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
5064	Worcester - -	Brewers' Mid. Sch., Edgar Street.	30	30	..	4	5 14 0
5065	„ - -	Free Grammar Sch., The Tything.	45	40	10	10	14 13 0
5072	„ - -	Ladies' College, Thornloe House, Barbourne.	25	30	..	..	..
5066	„ - -	Upper and Middle Class Sch., Infirmary Walk.	80	50	9	16	16 12 0
5070	„ - -	St. Stephen's Nat. Schs., Ombersley Road, Barbourne.	15	10	1	2	0 2 0
	YORKSHIRE.						
5555	Allerton - -	Congregational Chapel -	15	14	5	8	2 15 0
5105	Armley - -	Ch. Sch., Wesley Road -	40	38	3	3	5 12 0
5108	Baildon - -	Mech. Inst. - -	8	4	..	..	..
5110	Barnoldswick - -	Mech. Inst. - -	13	34	15	9	4 0 0
5114	Barnsley - -	Sch. of Sci. and Art, Pub. Hall, Eldon St., Church fields.	36	25	10	..	3 4 0
5124	Batley - -	Board Sch., Park Road -	..	20	..	2	5 5 0
5123	„ - -	Mutual Improvement Society.	10	..	1	..	..
5125	„ - -	Grammar Sch. - -	60	80	13	13	..
5119	Beverley - -	Baptist Schoolroom, Well Lane.	20	12	..	..	1 8 0
5120	Bingley - - -	Mech. Inst., Main Street	38	50	10	12	14 17 0
5557	„ - - -	Wes. Sch. - - -	8	..	1	..	..
5122	Birstall - - -	Coml. Sch., High Street -	60	60	35	26	15 5 0
5518	„ - -	Temperance Room -	15	..	1	..	..
5126	Bradford - -	All Saints' Sch., Little Horton Green.	8	8	2	..	0 10 0
5127	„ - -	Boro' West Sch., Sterling Street, Manchester Road.	10	12	3	1	..
5146	„ - -	The Studio, 65, Beamsley Road, Frizinghall.	..	6	..	..	..*
5135	„ - -	St. James' Nat. Sch. -	6	..	2	..	..
5136	„ - -	High Sch., Springfield Pl., Manningham Lane.	20	10	1	2	1 15 6
5140	„ - -	Board Sch., Faversham Street.	85	80	1	1	..
5147	„ - -	Telegraphists' Sch. -	50	..	9	..	..
5148	„ - -	Board Sch., Belle Vue, Manningham.	40	35	2	4	0 5 0
5145	„ - -	Wes. High Sch., Chapel St., Eastbrook.	50	35	2	..	..
5141	„ - -	Mannville Sch., Horton Road.	22	30	11	7	..
5129	„ - -	Sch. of Sci. and Art, Ch. Inst., North Parade,.	17	35	7	4	5 15 6
5133	„ - -	Sch. of Sci. and Art, Mech. Inst., Bridge Street.	138	158	23	44	42 18 3
5138	„ - -	Sch. of Sci. and Art, Grammar Sch., Manor Row.	162	141	30	60	..
5138A	„ - -	Girls' Grammar Sch. -	..	..	..	..	..
5151	Bramley - -	Wes. Sch., Town Street -	40	14	..	..	0 10 0
5158	Brighouse - -	Mech. Inst. - -	30	44	7	3	3 7 3
5164	Calverley - -	Church Inst., Thornhill Street.	9	20	6	4	2 17 6
5163	„ - -	Mech. Inst., Thornhill Street.	10	12	..	..	..
5172	Cleckheaton - -	Mech. Inst., Northgate -	11	24	2	3	} 4 11 0
5172A	„ - -	Mech. Inst, Market St. -	8	7	..	..	
5166	„ - -	Nat. Sch., Church St.	..	16	..	..	..
5170	Cottingley - -	Mech. Inst., Town Hall, Main Street.	..	4	..	..	..
5171	Cowling - - -	Board Sch. - -	30	..	..	..	1 16 0

* Included in fees for instruction in Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
5173	Crosshill	Temperance Hall, Middle Sch.	25	27	6	3	3 4 0
5177	Darnall	Girls' Nat. Sch.	15	..	..	..	..
5175	Denholme	Mech. Inst., Main Street	15	29	6	7	2 14 6
5176	„	Board School	10	..	..	..	..
5178	Dewsbury	Mech. Inst., Church St.	46	70	24	19	18 5 0
5185	Dobcross	Ch. of Eng. Sch.	30	26	1	..	..
5180	Doncaster	Great Northern Railway Schs.	70	75	14	2	16 2 6
5182	„	Young Mens' Christian Assoc., Cleveland St.	12	20	..	3	2 13 0
5179	„	Sch. of Sci. and Art, Nat. Sch., St. George's Gate.	15	18	..	..	..
5183	Driffield (Great)	Nat. Sch., Cross Hill	..	10	..	..	0 10 0
5554	Drighlington	Central Board Sch., Whitehall Road.	8	..	..	..	..
5187	Earby	Victoria Inst.	15	12	7	..	1 10 0
5188	Eccleshill	Mech. Inst., Stone Hall Road.	11	36	6	6	4 2 6
5189	Elland	Board Sch., South End	34	26	2	10	3 15 0
5189A	„	Grace Ramsden's Endowed Sch.	..	23	..		2 0 0
5189B	„	Brooksbank Sch., Westgate.	..	6	..		0 15 0
5191	Embsay	Mech. Inst.	20	15	..	..	..
5193	Farsley	Wes. Sch., Town Street	30	16	15	4	3 4 0
5198	Gildersome	Turton Hall Coll.	12	22	1	1	..
5511	Goole	Board Sch., Alexandra Street.	..	18	..	..	..
5199	Great Ayton	North of England Agric. Sch.	10	15	..	1	..
5201	Great Horton	Nat. Sch., Southfield Lane.	6	10	..	..	0 17 6
5206	Greetland	West Vale, Mech. Inst.	24	14	6	2	4 9 0
5207	Guisborough	Workmen's Club and Mech. Inst., Westgate St.	20	10	..	..	0 12 0
5208	Guiseley	Mech. Inst., Town Street	25	15	11	4	5 0 0
5210	Halifax	Mech. Inst., Crossley St.	80	95	6	8	25 8 0
5214	„	Crossley Orphan Home and Sch., Savile Park.	68	50	19	1	14 3 6
5216	„	Ch. Inst., King Cross St.	..	20	..	1	..
5224	Harden (nr. Bingley)	Ch. Sch., Brow	..	6	..	2	0 11 2
5225	Harthill	Board Sch.	..	15	..	..	..
5228	Haworth	Bd. Sch., Lees	..	15	..	4	3 15 6
5312	Heaton	Mech. Inst.	22	..	5	..	..
5233	Hebden Bridge	Club Room	9	..	1	..	..
5234	„	Mech. Inst., Bd. School, School St.	30	30	11	13	10 0 0
5237	Heckmondwike	Board Sch., Battye St.	15	12	3	2	3 0 0
5239	Heptonstall	Bd. Sch., Smithwell Ln.	8	12	6	2	..
5243	Hessle	Nat. Sch.	12	25	2	5	4 0 0
5240	Holbeck	Mech. Inst., Sweet St. West.	96	90	7	3	4 0 0
5241	„	Ind. and Co-operative Soc. Rooms, People's Hall, Marshall Street.	50	26	7	5	3 10 0
5245	Holywell Green	Mech. Inst.	6	..	..	..	..
5250	Huddersfield	Lockwood Mech. Inst., Meltham Road.	15	5	..	..	0 10 0
5253	„	St. Peter's Par. Sch., Lord Street.	18	10	..	..	..
5254	„	Sch. of Science and Art, Mech. Inst.	178	170	30	30	39 9 0
5266	Hull	Sir Henry Cooper Board Sch.	12	..	..	..	..
5271	„	Church Inst., Albion St.	69	132	17	23	6 6 3
5272	„	Navigation Sch., Princes Dock Side.	71	92	38	29	61 10 0
5273	„	Royal Inst., Albion St.	150	150	28	39	47 2 6

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
5274	Hull	Young People's Christian and Lit. Inst., 2, Charlotte Street.	300	302	36	41	38 10 0
5274A	"	Dairycoates Lit. and Mech. Inst., Hessle Rd.	16	10	..		..
5275	"	Sch. of Sci. and Art, 2, Albion St.	30	22	1	2	..*
5278	"	Board Sch., Fountain Rd.	12	..	2	..	..
5279	"	Board Sch., Fish Street	6	..	..	..	..
5286	Idle	Mech. Inst., Town Lane	12	15	1	1	1 15 0
5288	Ilkley	Sch. of Sci. and Art, College, Queen's Rd.	..	14	..	..	..
5290	"	Ladies' College	12	14	..	..	..
5296	Keighley	Sch. of Science and Art, Mech. Inst.	150	180	87	119	299 2 1
5545	"	Riddlesden Nat. Sch.	8	12	1	..	1 5 0
5295	"	Co-operative Hall, New Rd. Side, Ingrow.	20	20	..	1	3 2 0
5294	Knaresborough	Grammar Sch., Vicarage Lane.	20	25	1	6	..
5300	Leeds	Board Sch., Green Lane	12	20	..	..	1 0 0
5301	"	Bd. Sch., Carlton Hill	..	25	..	1	3 17 6
5305	"	Board Sch., Salem Place	150	56	13	2	3 17 6
5331	"	Bd. Sch., Park Lane	..	25	..	1	2 17 6
5550	"	Board Sch., Armley Rd.	..	25	..	..	3 2 6
5312	"	Par. Ch. Mid. Class Sch., Vernon Road.	190	170	51	64	..
5313	"	St. Peter's Nat. Sch., Kirkgate.	12	20	..	..	..
5311	"	Baptist Sch., Low Road, Hunslet.	30	40	5	3	3 14 6
5318	"	St. Jude's Sch., Leathley Road, Hunslet.	20	25	3	3	2 5 0
5319	"	Mech. Inst., Institution Street, Woodhouse	16	40	4	7	4 14 0
5320	"	Wkg. Men's Hall, Park Street.	17	20	..	..	0 17 6
5321	"	Young Men's Christian Assoc., 13, South Parade	50	65	3	3	7 18 6
5322	"	Mech. Inst. Hunslet	30	30	4	3	..
5323	"	St. Andrew's Sch., Cavendish Street.	25	20	4	1	..
5329	"	Prim. Meth. Sch., Princes Field, Hunslet.	50	50	11	7	7 10 0
5340	"	Wes. Sch., Darley Street North St.	15	12	4	3	1 10 0
5338	"	Church Inst., Albion Pl.	34	40	4	5	5 11 0
5547	"	St. Luke's Nat. Sch.	10	..	..	..	..
5548	"	Church Sch. Rm., East Street Bank.	..	30	..	..	3 1 0
5549	"	Highfield Sch., 18th Avenue, Tong Rd. New Wortley.	..	25	..	7	3 12 6
5316	"	Sch. of Science and Art, Mech. Inst., Cookridge Street.	360	543	254	107	75 5 6
5505	Liversedge	Millbridge Nat. Sch.	24	..	3	..	..
5346	Longwood	Gram. Sch., Cliffe End	25	35	1	1	0 17 6
5522	Lothersdale	Board Sch.	..	9	..	..	..
5349	Marske-by-the-Sea	Miner's Inst., Gurney Terrace, New Marske.	20	25	..	1	0 13 0
5348	"	Lit. and Mech. Inst., High Street.	10	10	1	..	0 7 0
5352	Meltham Mills	Nat. Sch.	20	20	..	..	0 7 6
5356	Middlesboro'-on-Tees	Sch. of Science and Art, Mech. Inst., Durham St.	41	20	8	6	15 4 6
5357	"	Wes. Sch., Corporation Rd.	20	35	9	5	..
5358	Mirfield	Grammar Sch.	20	23	2	2	..

* Included in fees for instruction in Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	
							£ s. d.
5362	Morley - - -	St. Peter's Sch., Victoria Rd.	..	25	..	7	4 4 0
5368	„ - - -	Coop. Hall - -	25	..	5	..	..
5365	Morton (nr. Bingley)-	Indep. Sch. Main St. -	60	25	..	5	5 18 0
5367	North Ormesby -	Church Inst., High St. -	25	20	7	8	13 13 0
5369	Oakworth - -	Mech. Inst., Chapel Lane	5	22	2	1	3 14 0
5371	Otley - - -	Mech. Inst. - -	12	18	7	8	7 8 0
5370	Oxenhope - -	Mech. Inst. - -	..	12	..	1	1 3 0
5508	Pontefract - -	Wes. School - -	..	12	..	3	..
5375	Pudsey - - -	Mech. Inst., Waver Green	30	24	6	4	3 17 6
5506	Queensbury - -	Baptist S., Chapel Lane -	10	..	1	..	..
5377	„ - -	Nat. Sch., Swamp -	..	10	..	2	1 0 0
5525	Rastrick - -	Gram. Sch. - -	20	15	1	2	..
5385	Rotherham - -	Sch. of Sci. and Art, Lit. and Mech. Inst., Howard Street.	30	36	2	2	16 5 6
5390	„ - -	Mech. Inst., Effingham St.	..	90	..	10	8 0 0
5393	Rothwell - -	Mech. Inst. - -	10	12	..	..	..
5397	Scarborough - -	Mech. Inst., Vernon Pl.	4	30	1	2	2 0 0
5398	„ - -	St. Mary's Higher Grade Sch., Castle Rd.	8	10	1	..	1 0 0
5408	Selby - - -	Sch. of Sci. and Art, New Lane.	9	8	1	4	2 12 6
5409	„ - - -	Wes. Day Sch.	1	..	..	..	..
5422	Sheffield - -	Christian and Educ. Inst., Surrey St.	1	2	1	..	..
5423	„ - -	Ch. of Eng. Educ. Inst., St. James' Street.	70	100	13	8	30 0 0
5425	„ - -	Mech. Inst., Tudor Street	72	65	16	16	19 4 0
5435	„ - -	Nat. Sch., Parliament St.	25	23	1	1	12 12 0
5436	„ - -	Central Bd. Sch., Orchard Lane.	100	190	107	93	42 3 6
5437	„ - -	Board Sch. Langsett Rd.	..	30	..	2	6 10 0
5428	„ - -	Attercliffe Board Sch., Baldwin Street.	15	15	2	2	..
5427	„ - -	Sch. of Science and Art, Arundel St.	38	30	8	9	35 11 9
5442	Shelley - -	Nat. Sch. Room - -	10	..	..	..	..
5395	Shipley - - -	Sch. of Science and Art, Salt Schools.	100	80	61	18	8 6 6
5445	Skinningrove - -	Miners' Inst. - -	14	25	18	9	2 12 0
5446	Skipton - -	Mech. Inst., Sheep Street	16	28	6	4	..
5453	Stanley (nr. Wakefield)	Ch. Sch., Lake Loch -	15	12	..	..	..
5454	Stanningley - -	Mech. Inst., Town Street	15	28	9	1	3 16 6
5456	Sutton - - -	Nat. Sch. - - -	8	4	1	..	0 12 6
5457	Tadcaster - -	Gram. Sch. - -	..	15	..	1	..
5461	Thirsk - - -	Mech. Inst., West Gate -	..	..	..	..	..
5463	Thorne - - -	Brooke's Gram. Sch. -	22	24	..	2	1 17 6
5465	Thornton (near Bradford).	Mech. Inst., Market St. -	26	20	7	4	1 18 0
5466	„ „	Gram. Sch. - -	20	6	1	..	..
5185	Uppermill - -	Mech. Inst., Court Street	30	26	1	1	5 17 6
5469	Wakefield - -	Trin. Par. Rooms, George Street.	12	8	..	3	1 10 0
5530	„ - -	Lancasterian Sch., Margaret Street.	23	29	1	1	..
5471	„ - -	Sch. of Sci. and Art, Bell Street.	12	14	2	2	..
5531	„ - -	Mech. Inst. - -	45	19	6	8	2 16 0
5473	Wales (near Sheffield)	Endowed Sch. - -	10	..	..	..	..
5481	Welton (nr. Brough)	Boys' Sch. - -	..	16	..	1	2 12 6
5476	Whitby - -	West Cliff Sch., Wellclose Square.	..	..	..	..	..
5478	Wilsden - -	Mech. Inst., Main Street	13	18	2	4	1 1 0
5479	„ - -	Board Sch. - -	12	..	..	..	..
5514	Wincobank - -	School - - -	20	30	..	..	1 0 6
5514a	„ - -	St. Thomas' Nat. Sch. -	..	18	..	..	0 19 0
5485	Wombwell (New) -	Board Sch., High Street	15	15	..	..	1 12 6

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction. 1881.	1882.	Number of Prizes and Medals Obtained. 1881.	1882.	Fees received during the Session 1880-81. £ s. d.
5484	Wombwell	Board Sch., Barnsley Road.	12	12	..	..	2 8 0
5482	Wortley	Working Men's Inst., Lower Wortley.	..	12	..	..	0 10 0
5483	„	Zion Sunday Sch., Whitehall Road, New Wortley.	18	14	5	3	1 16 0
5486	Yeadon	Mutual Improvement Society, New Town Hall.	14	12	..	..	1 1 0
5493	York	Brit. Sch., Hope St.	15	34	1	..	..
5489	„	Sch. of Sci. and Art Inst., St. Saviour's Gate	8	40	9	12	53 19 6
5494	„	Sch. of Sci. and Art., Minster Yard.	18	24	2	5	3 0 0
5496	„	Sch. of Sci. and Art, Lower Ousegate.	35	35	..	..	2 12 6
		Total for England	42,444	47,349	8,355	8,381	9,367 2 11½

WALES.

7312	Aberaman (nr. Aberdare)	Brit. Sch.	28	20	2	9	3 2 6
7305	Aberavon	Nat. Sch.	15	..	..	..	..
5602	Aberdare	Town Board Sch.	25	..	1	..	..
5602A	„	Park Board Sch.	60	..	..	..	..
5602B	„	Hirwain Board Sch., Brecon Road.	30	20	1	..	0 17 6
5602C	„	Cwmbach Board Sch., Bridge Road.	12	12	..	..	..
5606	Aberystwyth	Board Sch., Lewes Ter.	5	5	..	..	0 2 0
7341	„	Sch., Ardwyn	..	25	..	11	18 10 0
7327	Beaumaris	Board Sch., New Street	30	10	..	..	0 17 6
7302	Brecon	Memorial College, Camden Road.	18	20	3	4	..
7340	„	Mid. Class Sch., Lion St.	..	20	..	4	..
7311	Bridgend	Board Sch., Union Street.	30	20	5	11	0 10 0
7321	Brynmawr	St. Mary's Nat. Sch.	21	15	..	..	..
5621	Burry Port	Copper Works Bd. Sch.	..	8	..	1	2 0 3
5614	Cardiff	Sch. of Sci. and Art, Working Street.	..	90	20	13	80 15 9
7304	„	Battersea House, 10, Glossop Terrace.	25	50	13	7	..
5616	„	Baptist Chapel Sch., The Parade.	30	12	1	..	0 12 0
5619	Carmarthen	Sch. of Sci. and Art	15	6	..	..	..
7313	Cemmaes	Par. Sch.	12	..	..	..	..
7303	Denbigh	Gram. Sch., Park Street	40	50	3	5	15 0 0
5688	Dolgelly	Dr. Williams' Girls' Sch.	22	41	..	2	..
7356	Haverfordwest	Sch. of Industry, Hill St.	..	..	..	..	2 6 0
5674	Landore	Siloh Sch.	12	15	..	1	..
5680	Llanarth	Board Sch.	20	15	4	8	6 3 6
5626	Llandovery	Brit. Sch., Stone Street	27	24	3	4	8 9 0
5627	„	The Coll.	60	80	13	15	15 11 6
5631	Llanelly	Nevill Meml. Rooms, Athenæum, Vaughan Street.	50	50	27	..*	14 8 6
5633	„	Board Sch., Park Street	15	20	..	2	0 7 0
5629	„	Mr. Linn's Sch., near the Park.	15	27	..	2	4 8 0
5632	„	Young Ladies' Establishment, Goring Street.	10	20	..	24	..
7332	„	Copper Works Sch.	25	24			

* *See* 5632.

Appendix B.

SCIENCE SCHOOLS RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	
							£ s. d.
7351	Llanfairfechan	Nat. Sch.	..	6	..	..	0 10 0
7352	"	Maldwyn House.	..	6	..	..	..
7337	Llangranog	Pontgarrig Brit. Sch.	4	..	1	..	..
7314	Llanrwst	Gram. Sch.	20	30	2	5	26 0 0
5685	Loughor	Nat. Sch., Upper Town	20	14	3	9	2 8 0
5638	Machynlleth	Nat. Sch., Doll Street	25	18	4	4	..
5640	Maesteg	Llynvi Ironworks Brit. Sch., Commercial St.	35	30	..	2	0 5 0
5673	"	Brit. Sch., Castle Street	27	29	30	4	4 7 6
5639	Mallwyd	Church of Eng. Sch., Minllyn.	12	14	8	..	..
5641	Merthyr Tydfil	Abermorlais Board Sch.	45	70	9	7	20 6 0
5643	"	Penydarren Board Sch.	36	32			
5684	"	High Street School, Dowlais.	21	15			
5646	"	Primrose Hill Sch., Church Street.	30	30	..	..	..
5648	Mountain Ash	Duffryn Boys Sch., Commercial Street.	24	42	..	16	4 0 0
5675	Neath	Mech. Inst., Church Pl.	20	30	10	13	8 2 6
5650	New Quay	Board Sch., near Glanrhyd.	12	10	1	1	..
5679	"	Gram. Sch., Towyn	16	10	3	2	0 15 0
5651	Pembroke Dock	Board Sch., Albion Sq.	16	18	11	11	..
5653	"	Nat. Sch., Victoria St.	55	70	4	35	..
5659	Penygroes	Board Sch.	..	30	..	..	..
5661	"	Maldwyn House	12	..	..	..	..
5697	Pontardawe	Odd Fellows' Hall	20	14	5	5	1 7 6
5654	Pontardulais	Board Sch.	15	10	..	..	..
5655	"	Tin Plate Works Sch., Hendy.	20	20	2	4	..
5663	Rhyl	Town Hall, Queen St.	60	26	..	..	..
5690	Ruabon	Nat. Sch., Park Street	12	8	..	..	2 5 0
5665	Swansea	Royal Inst., Victoria Road.	70	50	6	19	..
5683	"	Nat. Sch., Old Street	40	..	4	..	..
5666	"	Par. Sch., Oyster Mouth Road.	15	14	1	2	3 6 6
5669	"	St. Helen's Board Schs., Vincent Street.	60	10	5	2	..
7315	"	Board Sch.	10	..	2	..	..
7316	"	Copper Works Sch.	15	40	1	..	..
7317	"	Oxford Street, Chapel Sch. Room, New Oxford Street.	..	10	..	..	2 2 6
7318	"	United Sch. Room, High Street.	..	12	..	..	1 0 0
5667	"	Sch. of Sci. and Art, Post Office Chambers, Castle Bailey Street.	20	12	1	..	..*
7343	Taibach	Boys' Sch., High Street	..	20	..	7	3 5 0
5681	Tondu	Iron Works Brit. Sch.	18	15	..	3	0 2 6
5678	Towyn	Brynarvor Hall Sch.	..	27	..	4	..
5689	Trawsfynydd	Brit. Sch.	..	6	..	..	..
5671	Treherbert	Brit. Sch., Dumfries St.	21	15	2	..	..
5672	Wrexham	Free Sch., Hill Street	18	6	..	..	..
7350	Ystalyfera	Board Sch., Cwmtwich	..	15	..	..	..
		Total for Wales	1,344	1,542	215	278	254 10 4

* Science fees included with Art fees.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
		SCOTLAND.					
5704	Aberdeen	St. John's Episc. Sch.	30	24	6	5	5 19 0
5705	"	Robert Gordon's Coll.	110	150	125	87	28 3 0
5706	"	Boys' and Girls' Hospital.	20	25	..	5	..
5708	"	Sch. of Science and Art, Mech. Inst.	260	360	50	23	62 11 0
5712	" (Old)	Dr. Bell's Sch.	8	10	2	1	..
5722	Aberlour	Public Sch.	..	20	..	3	1 10 0
5717	Airdrie	Alexandra Sch.	40	..	..	..	..
5718	Alexandria	Mech. Inst.	42	28	2	3	12 2 0
5997	Alford	Corse Public Sch.	12	12	..	..	..
5723	Alloa	Academy	9	16	1	..	1 2 6
7608	Alva	Pub. Sch.	25	30	1	1	..
7639	Annan	Kinmount House	10	..	1	..	..
5725	Arbroath	High Sch.	50	80	8	2	31 10 0
7656	Auchencairn	Pub. Sch.	..	23	..	2	..
5727	Ayr	Academy	70	60	30	15	27 9 0
5732	Ballater	Pub. Sch.	30	5	8	..	..
7662	Banchory, Devenick	Public School	..	18	..	2	3 3 0
5728	Bannockburn	James Wilson's Acad.	20	10	4	1	..
7674	Bathgate	The Academy	..	20	..	4	..
5733	Beith	Academy	30	30	14	..	2 12 6
7668	Benbecula, Island of	Lady Gordon Cathcart's Sch.	..	20	..	2	2 17 6
5734	Blairgowrie	Pub. Sch., James Street	..	18	..	2	2 15 0
5736	Brechin	Y. Men's Chris. Assoc.	28	18	..	2	2 15 0
5739	Burghhead	Pub. Sch.	..	20	..	..	1 12 0
5741	Burntisland	Broom Hill Sch., Mount Pleasant.	..	15	..	1	1 2 6
5743	Campbeltown	Gram. Sch., St. John's Street.	36	20	..	..	..
5962	"	Millknowe Pub. Sch.	..	20	..	..	..
7648	Canonbie	Pub. Sch.	18	15	..	..	..
5970	Castle Douglas	Acad. Pub. Schs.	60	40	..	2	..
5982	Catrine	Public Sch.	40	20	7	8	..
7654	Chapelhall	Old School	..	30	..	1	5 8 0
7621	Closeburn	Wallace Hall	35	47	6	9	..
5959	Clydebank	Public Sch.	22	12	1	..	..
5959A	"	Ship Yd., Drawing Off.	..	12	..	5	..
5816	Coatbridge	Gartsherrie Academy	60	100	37	14	93 0 0
7616	Dalkeith	Academy	40	..	..	..	..
5748	Darvel	Brown's Institute	12	15	7	8	5 7 6
5994	Dingwall	Pub. Sch., Tulloch Street	40	50	5	6	..
5750	Dollar	Institution, Sch. of Art	194	120	14	15	..
7651	Dornock	Pub. Sch.	10	6	..	..	..
6003	Doune	East Sch.	20	..	2	..	..
7619	Drumblade	Pub. Sch.	10	10	3	..	..
5984	Dufftown	Public Sch.	12	12	..	..	..
5752	Duffus	Keam Sch.	16	22	..	10	..
5754	Dumbarton	Burgh Academy, Church Street.	120	125	10	16	70 12 6
5756	Dumfries	Sch. of Sci. and Art, Academy St.	9	12	1	1	..
5757	"	St. Joseph's College	24	24	12	9	5 15 0
5755	"	Young Men's Christ. Assoc.	12	12	5	1	1 8 0
5758	Dundee	Young Men's Chris. Assoc.	185	190	95	80	83 1 6
5759	"	Sch. of Sci. and Art, High Street.	210	267	45	55	..
5760	"	Pub. Sch., Victoria Road	6	30	..	..	..
5761	"	Pub. Sch., Balfour Street	25	30	1	3	..
5764	Dunfermline	Masonic Hall, Maygate Street.	40	20	4	3	..
5765	"	Commercial Sch., East Port Street.	17	7	1	3	1 17 6

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882	1881.	1882.	
							£ s. d.
5763	Dumferline	Industrial Sch.	..	25	..	4	4 8 0
5766	Dysart	Public Sch., Pathead	16	19	1	..	..*
5775	Edinburgh	Watt Inst., Chambers' Street.	550	650	39	39	192 15 6
5776	"	St. James' Episcopal Sch.	80	90	6	12	..
5777	"	Stewart's Inst., Queensferry Road.	60	30	1	7	..
5788	"	Free Ch. Practising Sch.	40	90	3	6	..
5791	"	Class Room, 2, Tarrett's Street.	8	..	1	..	..
5802	Elgin	Episc. Sch., North End	31	19	..	5	..*
5804	Falkirk	Sch. of Sci. and Art, Southern Sch., Park Street.	50	40	8	8	50 3 6
5950	Fintray	Public Sch.	..	6	..	5	..
5965	Forfar	Academy, Academy St.	26	25	3	..	5 0 0
5957	Fort William	Public Sch.	10	10	2	..	2 5 0
5808	Fraserburgh	Mid. Street Academy	10	20	1	3	9 0 0
5810	Fyvie	Public Sch.	18	18	..	..	..
5814	Galston	Brown's Inst., Polwarth Street.	21	37	9	4	12 18 0
5814A	"	Barr Pub. Sch.	..	16	..	..	
5815	Gartley	Duffus Sch.	15	..	..	..	..
5818	Glasgow	Public Sch., Thomson St.	50	27	3	2	7 2 0
5823	"	Anderson University, 204, George Street.	724	851	211	164	366 5 9
5824	"	Athenæum, 202 to 206, Ingram Street.	..	6	..	2	4 2 0
7626	"	Abbotsford Pub. Sch.	..	20	..	..	4 4 0
5825	"	Ch. of Scotland Pract. Sch.	26	68	12	2	12 0 0
5835	"	Free Ch. Normal Sch.	60	80	6	4	..
5976	"	Allan Glen's Inst., 72, Cathedral St.	220	260	136	272	113 7 6
5820	"	Public Sch., Crookston Street.	100	70	7	2	7 0 0
5996	"	Public Sch., Mathieson St.	12	30	4	2	..
7623	"	Religious Inst.	15	..	3	..	..
7624	"	Veterinary and Agricultural College.	15	50	4	14	189 3 0
5841	"	Young Men's Club and Inst.	..	15	..	1	..
5828	"	Mech. Inst., 38, Bath Street.	400	560	78	120	552 0 0
5831	"	Sch. of Art, Corporation Buildings.	60	70	14	8	71 5 6
5831A	"	Buchanan Inst., Greenhead.	13	20	1		5 5 0
5819	"	City Pub. Sch.	25	80	4	8	23 5 0
5819A	"	High Sch., Elmbank St.	24	30	4	2	4 7 6
5827	"	Anderston Public Sch., 24, Catherine Street.	50	80	43	21	9 2 6
5844	"	Buchan St. Public Sch.	40	40	3	1	4 13 6
5837	"	Oatlands Pub. Sch.	..	..	..	..	..
5843	"	Overnewton Public Sch., Lumsden Street.	20	30	..	..	4 13 0
5845	"	Public Sch., Centre St.	30	20	1	..	5 13 0
5973	"	Garnethiel Pub. Sch.	53	70	6	5	10 6 6
5822	"	Young Men's Christian Assoc., 11, Wellington Street.	64	38	9	2	..
5822A	"	Young Men's Christian Assoc., 59, Hutchison Street.	82	86	3	3	22 5 6
5822B	"	Young Men's Christian Assoc., 11, Eglinton Street.	16	32	1	3	8 2 9
5822D	"	Young Men's Christian Assoc., Rosevale Terr.	..	50	..	1	28 19 8
5846	Gourock	Central Sch., John St.	20	10	..	..	..

* Included in fees for instruction in Art.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881–82.
			1881.	1882.	1881.	1882.	£ s. d.
5822a	Govan	Young Men's Christian Assoc. 12, Helen St.	..	112	..	5	73 4 6
5852	Greenock	Greenock Acad., Nelson Street.	80	80	4	4	13 15 0
5852	"	Pub. Sch., Mearns St.	120	200	28	41	..
5852	"	Chem. Lab.	22	14	4	3	..
6001	"	Pub. Sch., Shaw St.	50	40	5	4	..
5960	Hamilton	St. John's Grammar Sch.	50	36	10	10	15 5 6
5960a	"	Academy	20	6	1	..	2 0 0
7640	"	St. John's Free Church Sch.	38	115	8	16	..
5857	Hawick	Museum	60	50	29	55	23 15 0
7659	"	Chemical Laboratory, 5, Oliver Place.	..	12	..	5	3 10 0
7660	"	Pub. Sch., Buccleuch St.	..	15	..	1	5 15 0
5856	Hopeman	Public Sch.	..	14	..	..	..
5861	Inverary	Newtown Pub. Sch.	30	12	7	6	2 8 0
5949	Inverkindie	Public Sch.	15	20	8	3	6 0 0
5864	Inverness	Sch. of Art. New Museum.	40	50	9	3	4 2 6
7645	"	Raining Sch.	20	60	..	2	..
7669	Irvine	Pub. Sch., Bank Street	20	24	6	9	6 7 6
5865	"	Royal Academy	..	50	..	2	27 10 0
7688	"	Public Sch., London St.	..	20	..	1	..
5998	Jedburgh	St. John's Schs.	20	..	..	..	..
5866	Johnstone	Working Men's Inst., Ludovic Square.	25	20	5	1	12 18 0
5869	"	Public Sch.	15	50	3	2	24 13 0
5870	Keith	Public Sch., Old Keith	70	90	26	23	1 2 6
5961	Kemnay	Public Sch.	12	15	..	1	2 5 0
7635	Kennethmont	Public Sch.	20	..	4	..	..
5871	Kilbirnie	Ladyland Pub. Sch.	..	25	..	4	2 12 6
5877	Kilmarnock	Sch. of Sci. and Art, 77, Woodstock Street.	55	50	9	8	..
5878	"	Academy, N. Hamilton Street.	130	130	18	65	150 0 0
5879	"	Female Industrial Sch.	24	..	2	..	..
5881	Kilwinning	Eglinton Ironworks Sch.,	12	25	..	1	2 10 0
5882	"	Annick Lodge Pub.	..	25	..	..	5 2 6
5980	Kincardine O'Neil	Public Sch.	12	20	..	..	2 13 0
5883	King Edward	Public Sch.	20	24	1	..	..
5888	Kirkcaldy	East Pub. Sch.	35	72	8	3	13 17 6
5886	"	Burgh Sch.	20	33	4	11	..*
7643	Kirkintilloch	Oswald Public Sch.	16	25	..	..	..
7683	Laurieston	Public Sch.	..	36	..	..	4 11 6
5893	Leith	High Sch., Links	50	60	8	2	23 4 6
5894	"	Navigation School, 14, Dock Place.	174	242	4	..	96 5 0
7649	Lesmahagow	Boys' Sch.	25	..	1	..	..
5899	Leven	Greig Inst.	30	54	8	7	5 17 0
5901	Lochee	Public School, Ancrum Road.	45	50	10	12	30 18 0
7663	Lonmay	Public Sch.	..	15	..	7	2 15 0
5903	Macduff	Public Sch., Shand St.	30	30	25	8	6 5 0
7610	Mauchline	U. P. Session House	30	20	1	..	..
5972	Maybole	Public Sch.	25	15	7	1	1 2 6
7618	Mid Calder	Public Sch.	12	6	1	1	..
7636	Montrose	Young Men's Christian Assoc.	20	..	4	..	..
7603	"	Academy	..	40	..	6	..*
5905	Monymusk	Public Sch.	12	14	1	1	1 2 6
5906	Motherwell	Dalzell's Public Sch.	31	32	6	6	12 11 0
7673	Mount Florida	Academy	..	20	..	1	3 0 0
7652	Mouswald	Public Sch.	12	12	..	..	..
7604	Muirkirk	Iron Works Sch.	20	40	10	13	7 2 0
7686	"	Public Sch., Main Street	..	6	..	1	1 10 0
5908	Newhills	Public Sch.	12	..	2	..	..
7601a	Newmains	School Room	26	28	..	..	5 1 0
5909	Newmilns	Brown's Working Men's Inst.	12	14	..	4	..

* *Included in* fees for instruction in Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
5912	Paisley	Sch. of Sci. and Art, Gilmour St.	86	60	11	9	73 0 0
5913A	„	North Pub. Sch.	25	..	..	..	..
5916	Perth	Sch. of Sci. and Art, Rose Terrace.	40	42	6	14	13 12 6
5917	„	Kinnoull Public Sch., Dundee Road.	14	10	1	2	..
7676	Peterhead	Academy	..	12	..	4	6 5 0
5920	Port Glasgow	Pub. Sch., Academy Pl.	20	..	3	..	..
7620	Quarter	Public Sch.	15	14	4	4	2 8 0
5922	Rhynie	Public Sch.	20	15	3	..	..
5927	Ruthven	Public Sch.	..	20	..	..	..
7690	Scalloway (Shetland)	Public Sch.	..	20	..	..	1 16 0
7657	Sorn	Public Sch.	..	28	..	..	..
5930	Stirling	High Sch. of Sci. and Art	35	40	4	3	4 2 6
5933	Stonehaven	Public Sch., Ann Street	35	12	1	2	..
5935	Strathdon	Par. Sch.	12	12	1	..	..
5937	Strichen	Public Sch., Market Place	20	26	1	1	2 7 6
5942	Tayport	Public Sch., Ferry and Port (on Craig).	..	40	..	9	0 12 6
5944	Thurso	Mech. Inst.	12	18	3	1	4 0 0
5945	Tillicoultry	Public Sch.	40	50	4	4	4 1 4
5986	Tomintoul	Public Sch., Main St.	..	12	..	3	..
5947	Torphins	Public Sch.	..	12	..	1	2 0 0
7611	Turriff	Public Sch.	60	40	8	15	10 16 0
5954	Watten	Public Sch.	10	20	1	..	0 6 0
5987	Whitburn	Benhar Sch.	12	15	21	5	61 0 0
5956	Wick	Pulteney Town Academy	50	60	5	..	5 7 6
7601	Wishaw	Public Sch.	54	80	4	5	24 2 0
		Total for Scotland	7,773	8,999	1,503	1,555	2,992 16 4

IRELAND.

PROVINCE OF CONNAUGHT.

6019	Athlone	Ranelagh Sch.	40	36	17	26	12 5 0
6029	Ballaghaderrin	Coolavin, Nat. Sch.	..	10	..	2	..
6028	„	Townybrack Nat. Sch.	21	..	15	..	..
6005	Ballinamore	Male Nat. Sch., Aughadark.	12	10	1	..	..
6026	Ballinasloe	Acad. and Coll. Inst., Clymore House.	10	10	..	..	7 0 0
6037	Bunninadden	Doo Castle Nat. Sch.	..	12	..	..	..
6007	Carrigallen	Beaghmore Nat. Sch.	13	18	5	1	..
6010	Elphin	Gram. Sch.	..	10	..	..	.. *
6034	Galway	Dist. Model Sch.	..	16	..	11	..
6022	Killala	National Sch.	12	16	4	..	..
6012	Mohill	Nat. Sch., Glebe Street	20	16	3	3	..
6020	Roscommon	Nat. Sch.	10	..	..	..	..
6014	Sligo	Primrose Grange Inst., Knocknarea.	18	14	4	8	2 9 0
6015	„	Temple Street Sch.	40	25	2	..	..
6031	„	Nat. Model Sch., Mall	..	26	..	4	..
6016	Strokestown	Nat. Sch.	10	..	..	..	..

PROVINCE OF LEINSTER.

6137	Athy	Model Sch.	11	8	10	6	2 8 0
6101	Banagher	Royal Sch., Cuba House	15	14	4	1	..
6103	Bray	Aravon Sch., Meath Rd.	12	..	3	4	..
6105	Bunbrusna	Farra Sch.	27	30	..	18	3 15 0
6141	Carlow	Academy	17	..	1	..	..
6144	Corboy	School House	8	..	..	..	..
6107	Dublin	Sch. of Science and Art, Queen's Inst., 25 and 26, Molesworth St.	20	17	..	..	..
6111	„	Metropolitan Sch. of Art, Leinster Ho., Kildare St.	..	..	..	..	..

* Included in fees for instruction in Art.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
6109	Dublin	Royal Coll. of Sci.	..	..	9	5	..
6110	„	Santry Sch.	40	45	19	7	6 0 0
6120	„	Railway Company's Office, Inchicore.	25	25	3	1	8 10 0
6116	„	Mech. Inst., Abbey St.	16	22	..	5	2 10 0
6119	„	St. Matthew's Sch.	20	..	1	..	..
6115	„	King's Hospital, Blackhall Place.	35	35	18	21	11 3 6
6108	„	Erasmus Smith's School, 43, Great Brunswick Street.	40	30	9	11	9 12 6
6139	„	Nat. Sch., 43, Low Dominick St.	15	15	2	2	1 4 0
6114	„	Central Model School, Marlboro' St.	110	150	15	2	..
6149	„	Parochial Hall	40	..	1	..	..
6151	„	Christian Schs., Synge St.	..	60	..	2	..
6121	Dundalk	Educational Inst., St. Dominic's Place.	45	45	21	48	37 10 0
6123	Kilkenny	College of St. Kieran, Callan Road.	30	30	1	2	..
6124	„	Model School, Ormonde Road.	9	12	3	..	..
6133	Leighlinbridge	Nat. Sch., School Lane	7	6	2	..	4 0 0
6126	Oldcastle	Endowed Sch.	120	130	28	..	..
6145	Trim	District Model Sch., The Maudlins.	20	15	5	3	..
6161	Tullamore	Charleville Nat. Sch., Church St.	12	8	..	..	3 10 0
	PROVINCE OF MUNSTER.						
6200	Ballincollig	Nat. Sch.	25	20	3	2	5 2 6
6251	Bandon	Nat. Sch., Mount Pleasant.	12	10	10	..	5 10 0
6248	„	Hall of Sci., the Square	..	24	..	10	..
6254	Ballydehob	Nat. Sch.	20	16	2	..	..
6262	Bantry	Dromore Nat. Sch.	21	..	5	..	..
6266	Clonmel	Model Sch.	16	14	5	7	..
6207	Cooraclare	Nat. Sch.	46	28	15	6	..
6209	Cork	Sch. of Sci. and Art Ryl. Institution, Nelson Place.	25	25	6	6	10 5 0
6209[A]	„	Royal Instn., Foresters' Hall, Nelson Place.	20	10	1	2	7 0 0
6210	„	District Model Sch., Anglesea St.	30	24	4	1	..
6211	„	Carmichael Nat. Sch., King St.	40	30	8	14	..
6213	„	Nat. Sch., St. Luke's	40	40	11	18	2 5 0
6280	Doonbeg	Nat. Sch.	30	30	4	4	5 7 6
6219	Dungarvan	St. Augustine's Seminary, Main Street.	12	15	..	3	2 17 6
6255	Drimoleague	Male Nat. Sch., Chapel St.	28	17	2	5	0 15 0
6263	Dunmanway	Knuckbuee Nat. Sch.	12	12	5	..	..
6221	„	Model Sch., Mail Coach Road, Tonafara.	15	20	9	2	..
6261	„	Drinagh Male Nat. Sch.	21	41	4	..	0 5 0
6223	Enniskean	Mawbeg Nat. Sch.	22	12	3	1	12 5 0
6276	Glandore	Male Nat. Sch.	18	..	7	..	..
6226[C]	Kenmare	Lauragh, Male Nat. Sch.	..	30	..	3	..
6271	Kilbrittain	Burren Nat. Sch.	12	14	3	..	..
6225	Kilkee	Nat. Sch., Chapel St.	26	20	..	10	..
6227	Killadysert	Male Nat. Sch.	12	12	6	1	..
6257	Killarney	Town Hall, Main Street	20	20	2	6	..
6229	„	Male Nat. Sch.	15	40	3	..	..
6253	Leap	Kilmacabea Male Nat. Sch.	16	12	1	..	..

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
6234	Limerick - -	Model Sch., Military Rd.	15	22	7	4	1 17 6
6232	„ - -	Leamy's Sch., Hartstonge St.	..	20	..	..	..
6252	Lisseycasey - -	Fergus View Nat. Sch., Cahera.	25	22	6	..	..
6284	Macroom - -	Intermediate School, Massytown.	25	18	..	12	6 2 0
6236	Milltown - -	Male Nat Sch. - -	30	30	..	..	..
6259	„ - -	Monastic Inst. - -	15	10	9	..	..
6277	Newcastle (West) -	Courtenay Nat. Sch., Bishop St.	35	35	5	16	1 0 0
6239	Newmarket-on-Fergus	Nat. Sch. - - -	15	16	..	..	..
6290	Portmagee - -	Nat. Sch. - - -	..	24	..	..	..
6217	Ring (Dungarvon) -	Mulnahorna Nat. Sch. -	10	14	..	..	7 0 0
6242	Roscrea - -	Young Men's Christian Assoc., Lecture Room, Jail Road.	12	10	2	4	2 12 6
6273	Scarriff - - -	Male Nat. Sch., Main St.	14	12	..	4	3 0 0
6245	Skibbereen - -	Killeenleagh Nat. Sch. -	12	15	2	..	1 15 0
6268	„ - -	Bauravilla Nat. Sch. -	24	18	8	8	8 5 0
6269	„ - -	Gurrane Male Nat. Sch.	20	20	2	..	..
6281	„ - -	Intermediate Sch., North St.	35	40	4	6	10 15 6
6285	Timoleague - -	Erasmus Smith's Sch. -	11	15	..	..	..
6270	Union Hall - -	Couscroneen Nat. Sch. -	22	15	3	6	4 16 0
6246	Waterford - -	Model Sch., Water St. -	8	10	6	3	..
	PROVINCE OF ULSTER.						
	CO. ANTRIM.						
6381	Antrim - - -	Collegiate and Intermediate Sch., Fountain St.	20	6	2	..	..
6302	„ - - -	Nat. Sch. - - -	15	..	..	..	..
6303	„ - - -	Nat. Sch., Fountain St. -	10	..	..	..	..
6308	Ballymena - -	Protestant Hall, Galgorm Road.	35	14	8	2	..
6307	„ - -	Model Sch. - -	20	20	18	4	..
6309	„ - -	Guy's Nat. Schs., 1, Wellington St.	12	35	7	23	4 13 0
6310	„ - -	Good Templars' Hall, High St.	30	12	..	..	1 0 0
6310A	„ - -	Slaght Nat. Sch. - -	8	13	..	1	..
6393	„ - -	Harryville Male Nat. Sch., No. 1, Larne St.	..	10	..	..	..
6311	Ballymoney - -	Model Sch. - -	40	45	24	15	1 2 6
6312	„ - -	Knockahollet Nat. Sch. -	12	11	3	2	0 18 0
6329	Belfast - - -	Wkg. Men's Inst., Castle St. and Queen St.	300	500	90	72	35 0 0
6367	„ - - -	Magdalene Sch., Great Victoria Street.	24	40	10	..	21 0 0
6330	„ - - -	Government Sch. of Sci. and Art, College Square, North.	50	65	6	1	..*
6385	„ - - -	Nat. Sch., Lonsdale St.	..	15	..	1	0 2 6
6316	„ - - -	McQuiston Nat. Sch., Donegall Pass.	20	..	..	..	..
6318	„ - - -	Model Sch., Falls Road -	70	60	24	13	2 10 0
6377	„ - - -	St. Malachy's Coll., Duncairn St., Antrim Rd.	30	50	16	28	21 11 0
6379	„ - - -	Convent - - -	14	..	..	..	..
6320	„ - - -	Nat. Sch., Albion St. -	40	35	17	7	6 0 0
6328	„ - - -	St. George's Lecture Hall, High St.	80	80	18	5	..
6317	„ - - -	Nat. Sch., Fisherwick Place.	25	40	3	1	..
6380	„ - - -	Nat. Sch., Eliza St. -	15	15	2	..	..
6363	„ - - -	Church of Ireland Young Men's Soc., Clarence Place.	40	15	5	2	1 6 0

* Included in fees for instruction in Art.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
6382A	Broomhedge	Lurganure Sch.	..	12	..	..	1 10 0
6365	Broughshane	Male Nat. Sch.	12	15	3	10	..
6334	Carrickfergus	Model Sch., Belfast Road	30	48	15	9	5 10 0
6391	"	Nat. Sch., Albert Road	..	34	..	8	6 0 0
6337	Clough	Killyree Nat. Sch.	20	10	2	..	..
6359	Cloughmills	Tullybane Nat. Sch.	15	7	..	3	1 1 0
6338	Cullybackey	Nat. Sch.	15	30	} 5 {	6	2 2 0
6338A	"	Killycowan Sch.	14	..		..	..
6339	"	Sci. Class Room	20	18	16	5	..
6390	Dunloy	Galdanagh Nat. Sch.	..	12	..	3	..
6374	Galgorm	School-house	20	20	8	8	0 10 0
6342	Glarryford	Sch. Rm., Killycowan	..	12	..	2	1 10 0
6343	Larne	Mod. Agric. Nat. Sch., Main Street.	12	15	..	8	2 7 6
6351	Lisburn	Prospect Hill Friends' Sch.	20	25	..	..	..
6352	"	Railway Street Nat. Sch.	26	36	4	3	3 6 0
6354	"	Ballymacbrennan Nat. Sch.	12	10	2	3	..
6348	"	Cargycroy	20	15	1	..	..
6353	"	Largymore Nat. Sch.	20	26	3	1	1 10 0
6360	Mossley	Nat. Sch.	24	..	1	..	..
6356	Portglenone	Session Room.	15	10	..	..	..
6355	Portrush	No. 2 Nat. Sch.	16	7	4	..	0 5 0
6357	Randalstown	Paroch. Sch., New St.	25	18	1	3	1 1 0
6357A	"	Seymour Bridge Buildings, Nat. Sch.	8	..	..	..	..
6370	Stranocum	Ballycraigagh Nat. Sch.	15	..	2	..	..
6373	Strandtown	Belmont Nat. Sch.	20	25	1	1	6 0 0
6366	Toome Bridge	Anahorish Nat. Sch.	20	15	1	..	..
	Co. ARMAGH.						
6405	Altnamachin	Cortamlet Nat. Sch.	34	20	2	12	3 5 0
6441	Clare	Corlust Nat. Sch.	40	20	..	..	..
6408	Grange O'Neilland	Par. Sch.	22	20	10	..	2 10 0
6451	Keady	Aughnagurgan Sch. House.	10	20	5	7	2 0 0
6452	"	Town Hall	..	20	..	4	7 0 0
6412	Lurgan	Model Sch., Brownlow Terrace.	24	12	2	..	..
6418	Markethill	Lisdrumchor Nat. Sch.	50	30	10	13	..
6417	"	Cladymore N. S.	50	40	5	12	..
6419	"	Nat. Sch.	30	35	5	7	1 16 0
6415	"	Mullabrack Nat. Sch.	20	20	..	2	..
6445	"	Glasdrummond Nat. Sch.	..	15	..	1	..
6444	"	Brackley	25	30	1	..	..
6437	Newtown-Hamilton	Townsend Nat. School-house.	20	25	6	10	5 10 0
6437A	"	Nat. Sch., Tullinaval	15	20	3	9	5 0 0
6423	Portadown	Ahorey Nat. Sch.	20	20	1	..	..
6433	"	Duke of Manchester's Sch., Church St.	20	20	5	3	..
6425	Poyntzpass	Taniokey Nat. Sch.	85	40	1	8	2 18 0
6426	"	Female N. S.	16	..	..	..	..
6430	Whitecross	Nat. Schs., Kingsmills	..	30	..	3	..
6454	"	Carrickgologly Nat. Sch.	..	25	..	..	..
	Co. CAVAN.						
6514	Arva	Male Nat. Sch.	20	20	..	..	..
6501	Bailieboro'	Model Sch.	60	60	17	4	0 5 0
6511	Canningstown	Latsey Nat. Sch.	20	20	1	..	..
6513	Shercock	Cullies Nat. Sch.	12	..	..	..	..
6510	Virginia	Male Nat. Sch.	15	12	..	..	..
	Co. DONEGAL.						
6623	Ballylar	Nat. Sch.	12	12	1	..	..
6618	Glenvar	Agric. Nat. Sch., Tyrladen	40	30	..	..	..
6612	Gortahork	Nat. Sch.	20	20	2	..	..
6624	Killybegs	Nat. Sch.	20	24	4	2	..

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	
							£ s. d.
6624A	Killeybegs	Niall Mor Nat. Sch.	..	24	..	..*	..
6605	Kincasslagh	Annagry Nat. Sch.	20	19	6	..	..
6611	„	Belcruit Nat. Sch.	20	15	1	..	..
6613	Tamney	Court House	12	..	1	..	..
6620	„	Fanad Nat. Sch.	6	20	..	..	..
	Co. DOWN.						
6712	Anahilt	Endowed Free Nat. Sch.	..	9	2	..	..
6701	Ballynahinch	Drumaness Mills Nat. Sch.	16	10	7	..	0 15 0
6702	„	Magheraknock Nat. Sch.	12	12	1	..	..
6737	„	Nat. Sch.	16	14	6	..	..
6704	Banbridge	Old Academy School, Library Street.	30	30	6	..	3 10 0
6732	„	Academy, Temperance Hall, Dromore.	..	40	..	33	..
6706	Donaghadee	Male Nat. Sch., Parade	11	8	1	1	..
6736	Dromara	Orange Hall	12	..	2	..	..
6742	Donaghcloney	Nat. Sch.	20	7	7	..	..
6741	„	Sch. Room	20	..	3	..	..
6748	Downpatrick	Nat. Sch., Fountain St.	..	20	..	3	3 10 0
6711	Gilford	Mill Sch.	20	13	..	3	1 10 0
6714	Hillsborough	Clintagh Nat. Sch.	..	27	..	2	..
6715	Holywood	Sullivan Schs., High St.	70	80	22	39	50 0 0
6743	Lenaderg	Miltown Nat. Sch.	20	..	1	..	..
6719	Moira	Brookfield Agric. Sch.	20	25	..	2	..
6720	„	Magabbery Nat. Sch.	40	42	3	..	3 10 0
6722	Newry	Model Sch., Catherine St.	50	30	4	8	1 5 0
6723	Newtownards	Model Sch.	50	59	26	22	0 7 0
	Co. FERMANAGH.						
6835	Ballinamallard	Infants Sch.	..	20	..	5	..
6801	Enniskillen	Model Nat. Sch., Dublin Road.	50	40	9	4	2 5 0
6812	Irvinestown	Nat. Sch., Castle Irving, Church Street.	24	12	3	1	..
6803	Lisbellaw	Male Nat. Sch.	16	12	1	..	..
6804	„	Nat. Sch.	..	15	..	2	..
6805	Lisded	Nat. Sch.	12	12	..	..	..
6807	Lisnaskea	Loan Fund	12	..	5	..	..
6808	Maguire's Bridge	Nat. Sch., Drumgoon Ln.	20	15	1	2	..
6830	Roslea	Cordoola Nat. Sch.	..	15	..	13	..
6831	„	Greaghawarren Nat. Sch.	..	15	..	6	1 3 0
6809	„	Nat. Sch.	..	10	..	3	0 7 6
6819	Tempo	Glenn Nat. Sch.	30	24	5	2	0 14 0
6819	„	Carrowkeel Nat. Sch.	24	30	3	..	..
	Co. LONDONDERRY.						
6932	Aghadowey	Nat. Sch., Cullycapple	40	15	12	2	..
6903	Ballinderry	Church Hill Nat. Sch.	15	10	..	..	..
6905	Blackhill	Gorran Nat. Sch.	20	15	4	11	1 7 6
6907	Coleraine	Hon. Irish Society's Nat. Sch., Beresford Place.	30	24	17	34	1 12 6
6906	„	Model Sch.	45	20	13	1	..
6909	Eglinton	Londonderry Estate Sch., Carmoney.	20	15	16	1	2 7 0
6931	Kilrea	Nat. Sch., Church Street	..	30	..	5	..
6913	Londonderry	Gwyn's Charitable Inst., Great James' Street.	36	36	12	7	..
915	„	Male Nat. Sch., Meeting House Street.	60	86	15	26	17 15 0
6916	„	Sch. of Sci. and Art, Ship Quay Street,	6	10	3	1	8 0 0
6912	„	Erasmus Smith's Sch., Infirmary Road.	..	30	..	6	..
6921	Macosquin	Nat. Sch.	15	..	4	..	..
6923	Magherafelt	No. 2 Nat. Sch.	30	..	6	..	..
6925	Moneymore	Intermediate Sch., Smith Street.	20	16	..	1	0 17 0

* Included in No. opposite 6624.

List of Schools examined in 1881 and 1882—*continued.*

Sch. No.	Town.	Where held.	Number of Individuals under Instruction.		Number of Prizes and Medals Obtained.		Fees received during the Session 1881-82.
			1881.	1882.	1881.	1882.	£ s. d.
6933	Moneymore	Male Nat. Sch.	20	12	1	..	..
6926	„	Tamlaght Sch.	30	30	1	..	..
6930	Portstewart	Nat. Sch., The Hill	..	20	..	5	0 14 0
	Co. MONAGHAN.						
7020	Annayalla	Lackagh Nat. Sch.	15	6	5	..	..
7016	Ballybay	Doohamlet Nat. Sch.	..	30	..	..	..
7015	„	Derryvalley Nat. Sch.	..	20	..	..	3 10 0
7017	„	No. 2 Nat. Sch.	34	60	7	1	..
7018	„	Shean Nat. Sch.	..	20	..	..	2 0 0
7034	Carrickmacross	Intermediate Sch.	..	24	..	..	..
7002	Castleblayney	Lurganearley Sch.	16	20	12	..	5 0 0
7027	„	Carrickaslane Nat. Sch.	..	20	..	1	3 2 6
7036	Castleshane	Aghnaglough Nat. Sch.	..	15	..	3	..
7004	Clones	Nat. Sch.	12	12	1	..	5 0 0
7003	Clontibret	Nat. Sch.	6	..	3	..	..
7038	Latnamard	Nat. Sch.	..	20	..	..	1 10 0
7007	Monaghan	Model Sch., North Street	27	16	4	..	..
7008	„	Drumsheeny Male Nat. Sch.	..	20	..	3	29 0 0
7009	Moys	Nat. Sch.	9	13	1	..	..
7024	Newbliss	Crappagh Nat. Sch.	..	30	..	2	1 17 6
7013	„	Nat. Sch.	20	..	..	..	..
7023	„	Tattenclave Nat. Sch.	20	20	12	2	..
7023A	„	Dawson Nat. Sch.	..	20	..		..
7011	Rockcorry	Corravacan Nat. Sch.	10	12	..	..	..
7014	„	Nat. Sch.	12	10	..	..	..
	Co. TYRONE.						
7103	Aughnacloy	Intermediate Sch.	15	15	..	11	1 10 0
7151	„	Clonaneese Nat. Sch.	12	26	..	..	..
7109	Caledon	Minterburn Nat. Sch.	21	31	5	7	1 3 6
7146	Carrickmore	Aughiogan Nat. Sch.	20	..	..	..	..
7110	Coagh	Aughavey Nat. Sch.	24	..	1	..	..
7111	„	Nat. Sch.	8	..	..	..	..
7148	„	Drumaney Nat. Sch.	..	..	2	..	..
7114	Cookstown	Loyal Nat. Sch.	18	12	..	3	..
7117A	Dungannon	Nat. Sch., William St.	30	20	3	1	2 18 0
7143	„	Stangmore Nat. Sch.	20	..	6	..	..
7143A	„	Moygashil Nat. Sch.	15	..			
7140	Eglish	Roan Male Nat. Sch.	14	13	..	..	..
7118	Fintona	Nat. Sch.	20	12	3	..	..
7119	Moy	No. 2 Nat. Sch.	15	..	..	1	..
7121	Newtown-Stewart	Model Sch.	20	20	1	1	0 5 0
7123	Omagh	Model Sch.	40	45	32	19	..
7122	Orritor	Covanaghan Nat. Sch.	15	..	5	..	..
7137	Sion Mills	Nat. Sch.	20	32	3	7	..
7130	Stewartstown	No. 2 Nat. Sch., Railway Street.	15	7	2	2	..
7128	„	Donaghy, No. 2, Nat. Sch.	12	9	1	..	..
7132	„	Shankey Nat. Sch.	10	..	..	..	..
		Totals for Ireland	5,923	5,702	1,134	1,019	526 4 0
		Totals for the United Kingdom.	57,745	63,592	11,207	11,233	13,140 13 7½

ppendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

7. TABLE showing the CLASSES, SUBJECTS taught, and NUMBER of STUDENTS in each Subject in all SCIENCE SCHOOLS in existence in January 1883.

Owing to the returns from which this Table is compiled being required in September last, only the probable number of students is given, and where the number was unknown at the time the class is identified by an asterisk (*).

Schools established since May 1882 are printed in *italics*.

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
	ENGLAND AND WALES.																														
	BEDFORDSHIRE.																														
15	Ampthill -	Board School, Flitwick.	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	9
2	Bedford -	Charity School, Harpur Street.	15	..	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	„ -	School of Science and Art, 60, Bromham Road.	5	2	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	„ -	Prereton Road School -	40	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	10	..	..	..	..	..	..	10	12
6	Cranfield -	National School -	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..
21	*Leighton Buzzard.*	*Boys British School* -	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	Luton - -	Engineering Works -	24	..	20	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..
16	„ - -	Natural History Society's Room, 2, George Street.	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

10	Pavenham -	Elementary School, Main Street.	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	12
	BERKSHIRE.																											
104	Newbury -	Literary and Scientific Institute, 60, North Brook Street.	30	6	4	2	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	
101	Reading -	School of Science and Art, Valpy Street.	70	6	12	20	..	15	..	..	6	..	..	*	12	25	..	25	6	..	9	8	..	..	..	..	..	..	
118	*Wokingham* -	*Town Hall, Market Place.*	20	4	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	BUCKINGHAMSHIRE.																											
202	High Wycombe.	Boys' Board School, Cemetery Road.	20	..	..	..	..	6	..	..	..	..	..	17	13	..	..	..	..	..	..	..	..	..	..	..	..	..	
206	Wolverton -	Science and Art Institute, Church Street.	94	16	29	7	..	29	..	..	8	..	41	41	16	..	..	..	11	..	11	..	7	..	..	..	2	12	
	CAMBRIDGESHIRE.																											
302	Cambridge -	Church of England Young Men's Society, St. Edward's Passage.	24	..	..	..	..	12	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	12	
303	" -	Paradise Street Schools	85	..	..	..	..	40	..	..	..	..	40	75	..	..	..	..	75	..	..	..	..	..	..	..	..	75	
305	Cottenham -	Board School, High Street.	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	
312	*Sawston* -	*Boys' Schoolroom*	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	
307	Wisbech -	Working Men's Institute, Lower Hill Street.	20	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	20	..	..	..	..	..	..	..	..	..	
	CHESHIRE.																											
403A	Birkenhead -	The Holt, Tranmere (Branch School of Art).	60	10	12	..	..	25	..	..	10	10	15	15	..	..	..	..	..	..	..	..	..	..	..	10	..	..	
455	Bredbury (*via* Stockport).	St. Mark's Schoolroom	40	6	10	6	..	..	..	..	..	..	..	.	15	..	..	..	..	..	..	20	..	..	..	..	..	..	
432	Cheadle "	Literary Institute, Village Green.	25	..	..	..	..	..	..	..	..	..	..	12	18	32	..	..	..	..	12	..	..	..	..	..	..	18	
405	Chester -	School of Science and Art, Pepper Street.	5	5	4	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
456	" -	Christ Church Boys' School.	40	..	30	..	..	25	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

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| National No. | Place. | School. | | |

| | CORNWALL. | | |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

7. TABLE showing the CLASSES, SUBJECTS taught, and NUMBER of STUDENTS in each Subject in all SCIENCE SCHOOLS in existence in January 1883.

Owing to the returns from which this Table is compiled being required in September last, only the probable number of students is given, and where the number was unknown at the time the class is identified by an asterisk (*).

Schools established since May 1882 are printed in *italics*.

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane & Solid Geometry.	II. Machine Construc & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
	ENGLAND AND WALES.																												
	BEDFORDSHIRE.																												
15	Ampthill -	Board School, Flitwick.	12	..	..	..	..	..	..	..	..	..	12	12	..	..	..	..	..	..	..	..	..	..	..	..	..	9	9
2	Bedford -	Charity School, Harpur Street.	15	..	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	„ -	School of Science and Art, 60, Bromham Road.	5	2	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	10	..	..	..	..	..	..	..	..
11	„ -	Brereton Road School -	40	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	10	12
6	Cranfield -	National School -	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..
21	*Leighton Buzzard.*	*Boys British School* -	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	Luton - -	Engineering Works -	24	..	20	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..
16	„ - -	Natural History Society's Room, 2, George Street.	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..

10	Pavenham -	Elementary School, Main Street.	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	12
	BERKSHIRE.																											
104	Newbury -	Literary and Scientific Institute, 60, North Brook Street.	30	6	4	2	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
101	Reading -	School of Science and Art, Valpy Street.	70	6	12	20	..	15	..	..	6	..	..	*	12	25	..	25	6	..	9	8	..	..	..	..	..	..
118	*Wokingham* -	*Town Hall, Market Place.*	20	4	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	BUCKINGHAMSHIRE.																											
202	High Wycombe.	Boys' Board School, Cemetery Road.	20	..	..	..	..	6	..	..	..	..	17	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..
206	Wolverton -	Science and Art Institute, Church Street.	94	16	29	7	..	29	..	..	8	41	41	16	..	..	..	11	..	7	..	..	..	2	12	..	..	..
	CAMBRIDGESHIRE.																											
302	Cambridge -	Church of England Young Men's Society, St. Edward's Passage.	24	..	..	..	..	12	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13
303	" -	Paradise Street Schools	85	..	..	..	..	40	..	..	40	75	..	..	..	..	..	..	..	75	..	..	..	..	..	..	..	75
305	Cottenham -	Board School, High Street.	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..
312	*Sawston* -	*Boys' Schoolroom* -	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
307	Wisbech -	Working Men's Institute, Lower Hill Street.	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	20	..	..	..	..	..	..	..	..	..	..
	CHESHIRE.																											
403A	Birkenhead -	The Holt, Tranmere (Branch School of Art).	60	10	12	..	..	25	..	..	10	10	15	15	..	..	..	..	..	..	..	..	..	10	..	..	..	..
455	Bredbury (*via* Stockport).	St. Mark's Schoolroom -	40	6	10	6	..	..	..	..	..	..	..	15	..	..	..	..	..	20	..	..	..	..	..	..	..	..
452	Cheadle -	Literary Institute, Village Green.	25	..	..	..	..	..	..	..	..	..	12	18	32	..	..	..	12	..	..	..	..	..	..	..	..	18
405	Chester -	School of Science and Art, Pepper Street.	5	5	4	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456	" -	Christ Church Boys' School.	40	..	30	..	..	25	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Appendix B.

SCIENCE SCHOOLS AND CLASSES, SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1.,2.,3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practcl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
448	Chester -	Natural Science Rooms, Lower Bridge Street.	115	..	..	..	..	..	..	..	..	..	..	20	30	..	..	..	..	..	20	45	..	..	..	..	..	..	..	..	..	..
459	*Compstall* -	*Athenæum, Market Street.*	20	20	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
407	Crewe -	Mechanics' Institute, Prince Albert Street.	150	70	80	..	..	60	..	..	..	..	..	..	40	24	..	..	24	15	18	..	..	..	40	..	..	..	..	..	..	..
458	" -	*Heath Street Hall*	40	20	30	12	..	20	..	..	18	18	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	18	..	..	..
457	*Egremont* -	*Rudgrave Pl. School* -	30	..	15	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
408	Hyde -	Flowery Field Educational Institute.	*	15	15	9	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
409	" -	Mechanics' Institute, Hyde Lane.	96	20	15	15	..	30	..	..	..	..	..	12	12	10	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..
436	Macclesfield -	Useful Knowledge Society, Mechanics' Institute, Park Green.	30	..	..	..	..	12	..	..	12	..	..	16	12	10	..	..	8	..	..	12	10	..	..	..	..	..	10	..	..	..
449	Runcorn -	Gas Works, Gas Street -	36	..	12	12	..	..	..	..	12	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..
450	" -	Holy Trinity School, Pool Lane.	30	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..
430	*Stockport* -	*Brenthall Street Wesleyan School.*	50	..	..	..	..	..	..	..	..	..	..	40	50	..	..	..	..	..	..	..	..	..	..	..	..	..	40	..	..	..
416	" -	Mechanics' Institute, St. Peter's Gate.	130	6	12	..	..	26	..	..	8	..	30	40	70	50	40	32	..	..	30	12	..	..	..	..	..	40	..	..	..	..
418	" -	Sunday School, Duke Street.	60	15	12	12	..	20	..	..	..	20	15	20	20	26	..	..	..	..	15	15	..	..	..	..	..	15	15	..	..	..
417	" -	Orphan School, Cheadle, Hulme.	115	..	..	..	..	90	..	..	..	..	33	27	30	..	..	..	33	..	70	50	..	..	..	..	..	75	..	..	..	..
442	Wallasey -	Grammar School, Wilhers Lane.	60	..	..	..	..	30	..	..	..	..	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
421	Winsford -	Academy, Weaver Street	45	..	..	..	..	40	..	..	..	..	42	42	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	42	..	15

| | CORNWALL. | | |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *f.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *f.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy. Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
594	*Saltash* -	*College Ho. School, Fore Street.*	*	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
541	Truro -	British School, Kenwyn Street.	16	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	6	6	..	..	..	..	..	..	..	..	..
545	" -	School of Science and Art, 13, Lemon Street.	7	..	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	" -	Central School, Fairmantle Street.	20	..	..	..	..	13	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..
	CUMBERLAND.																													
619	Carlisle -	Fawcett Schools, West Walls.	15	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
622	" -	Board School, Mary St.	12	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
603	" -	Christ Church School, Close Street.	20	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
624	" -	*Holme Head, British School.*	30	..	..	..	..	24	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
604	" -	School of Science and Art, Fisher Street.	20	10	10	10	..	..	..	..	..	15	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	23	..	..
623	Frizington -	St. Paul's National School, Church Road.	40	..	..	..	..	..	..	..	..	12	16	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	10	..	..
620	Whitehaven -	Scientific Institution, Howgill Street.	40	..	..	..	..	12	..	..	..	6	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
626	*Workington* -	*Presbyterian School, St. John's Court.*	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	DERBYSHIRE.																													
742	Chesterfield	School of Science and Art, Stephenson Memorial Hall, Corporation St.	100	20	25	..	..	..	..	..	..	..	48	48	33	10	38	..	..	..	..	..	..	10	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc" & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical.)	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
807	Bideford	Science and Art School, Bridge Street.	6	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
809	Braunton	Chaloner's School	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
814	Devonport	Board School, Cherry Garden Street.	37	12	..	10	25	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..
815	"	Mutual Improvement Society Baptist School, Morice Street.	25	12	12	..	12	12	..	..	..	..	12	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
816	"	British School, St. John Street.	8	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..
817	"	*Board School, Morice Town.*	15	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
818	"	Stoke Public School, Keppel Place.	110	..	..	..	..	100	..	..	..	..	..	..	..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..
823	"	Ford Board School, Cambridge Road.	50	..	10	..	..	20	..	..	..	10	..	20	..	..	..	..	..	..	..	10	..	..	..	..	..	..	10	10	..	..
828	"	St. James' National School, Keyham.	133	40	20	20	40	50	..	..	..	40	70	40	..	..	..	..	..	..	..	..	12	..	..	..	..	40	30	..	..
829	"	St. John's National School.	100	12	24	..	12	25	..	..	..	15	25	25	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	15	2	..
824	"	Stoke Board School, Church Street.	12	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	6	..
841	Exeter	School of Science and Art, Albert Memorial.	90	..	..	..	..	16	..	..	8	..	10	20	32	26	..	..	6	..	..	6	12	..	..	..	..	12	6	..	..
926	"	Baptist Chapel, Bartholomew Street.	12	..	..	..	..	12	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
933	Honiton	Middle Class School, High Street.	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
855	Ilfracombe	National School, Church Hill.	35	..	..	..	..	6	..	..	..	..	10	15	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	1

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1. 2. 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
	DORSETSHIRE.																														
1001	Bridport -	General School, Folly Mill Lane.	53	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	53
1004	" -	School of Science and Art, Literary and Scientific Institute, East Street.	9	6	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1005	Dorchester -	School of Art, Shire Hall, High West St.	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1016	Evershot -	Stickland's Free School	20	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..
1014	Maiden Newton.	National School -	20	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..
1022	Poole - -	School of Science and Art, High Street.	*	3	6	5	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	*Shaftesbury* -	*The Boys' School* -	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	8	..
1007	Sherborne -	St. Thomas-à-Becket's School, Cheap Street.	20	..	..	..	..	6	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..
1009	" -	*The Abbey Schools, Horsecastle.*	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..
1013	Weymouth -	School of Science and Art, The Mart, Maiden Street.	12	8	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1024	Wimborne Minster.	Grammar School -	4	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	DURHAM.																														
1102	Bishop Auckland.	Temperance Hall, Victoria Street.	20	4	12	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

1102A	" -	Young Men's Christian Association. Tenters Street.	35	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	14	12	..	..	..	..	..	..	..	..	..	..
1103	Blaydon - on-Tyne.	St. Cuthbert's National School.	20	12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1104	*Boldon (West)*	*Mission Room* - -	36	..	..	..	..	..	..	..	..	36	..	..	..	..	..	..	..	..	..	..	..	..	36	..	..	..	..	..	..	..	..
1105	"	*Mechanics' Institution, Tyne Street.*	51	12	12	..	..	12	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1105A	*Burnopfield* -	*Co-operative Soc. Store* -	*	..	..	..	..	..	..	..	..	..	12	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1158	Consett -	Co-operative Store, Market Street.	*	18	20	6	..	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1105	Crook (Billy Row).	Pease's West Miners' Institute.	45	..	..	..	..	15	..	..	..	..	7	8	10	..	..	..	..	..	12	..	..	12	..	..	..	..	5	14	12	..	..
1154	" -	Board School - -	24	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	8	..	12	..	..	..	..	..	..	..	..	..	9	..	..
1174	" -	Miners' Institute, Bowden Close Colliery.	15	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	..	..	..	..	..	7	..	..
1178	Darlington -	Grammar School -	45	..	..	..	..	45	..	..	12	..	12	33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33	..	..	..
1197	" -	Trinity Boys' National School, Union Street.	10	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1107	" -	School of Art, Mechanic's Institute.	25	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1101	*Dunston* -	*Board School* - -	20	..	20	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..
1110	Durham -	Science School, Saddler Street.	30	..	..	..	..	..	..	..	..	..	..	14	15	15	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1114	Esh - -	Miners' Institute, Durham Road.	20	..	..	..	..	14	..	..	..	..	..	..	..	..	..	..	7	..	8	..	..	6	..	..	..	..	..	..	..	10	..
1152	Gateshead -	Alexandra Road Board School.	100	..	70	10	..	..	..	..	..	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70	..	..	..
1159	" -	North Eastern Railway Literary Institution, West Street.	35	..	30	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..
1117	" -	Day Industrial Schools, Windmill Hills.	60	..	50	8	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..
1180	" -	Board School, Prior Street.	40	..	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1119	Hebburn -	St. Andrew's Mechanics' Institute.	10	8	5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1170	Heworth -	High Heworth National School, Heworth Colliery.	17	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	13	..	..	..
1160	Houghton-le-Spring.	National School, Hopper Street, New Bottle Lane.	18	..	..	..	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	..
1120	Jarrow - on - Tyne.	Mechanics' Institute, Ellison Street.	*	..	30	20	..	60	*	..	..	..	..	..	20	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc- tion & Drawing.	III. Building Con- struction.	IV. Naval Architec- ture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. Inorganic Chemistry (Practl.)	XI. Organic Chemistry (Theory).	XI. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
1185	Pelton Fell	Colliery School, Chapel Row.	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..
11,103 1123	*Ryton* Seaham Harbour.	*Thorp Schools* Girls' National School, Church Street.	16 6	16 3	16 6	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1181	Seaham (New)	Londonderry Schools, Vane Terrace.	86	..	..	..	..	..	..	..	36	..	..	..	..	..	..	..	..	..	..	..	24	..	..	..	..	..	..	..	..
1145 11,102	Silksworth *Shildon*	New Tunstall School *British School, Church Street.*	30 *	.. ..	15 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	25 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	30 ..	20 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
1134	South Church (near Bishop Auckland).	British School	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	10	..	..	..	..	..	..	..	..
1124	South Shields	Public Library, Ocean Road.	40	..	20	10	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..
1126	"	Jarrow Chemical Co.'s School, The Barnes.	50	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..
1129	"	Union British School, Garden Lane, Waterloo Vale.	35	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	30	..
1129A	"	Industrial Training Ship, "Wellesley."	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36	..	..	..	..
1195	"	School of Science and Art, The Academy, Smithy Street.	14	6	10	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1184	Southwick	Board School, Fulwell Road.	9	..	6	3	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1176	Spennymoor	Tudhoe United District Board School, Mount Pleasant.	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1. 2. 3.	V. Pure Mathematics. Stages 4. & 5.	V. Pure Mathematics. Stages 6. & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
1235	*Leytonstone* -	*Forest House School, Cambridge Park.*	30	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1230	Manningtree -	Wesleyan School Room, Oxford Road.	10	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1244	*Plaistow* -	*Hall Coffee Palace and Institute, the Broadway.*	15	..	..	..	..	..	..	..	..	..	15	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1242	Silvertown -	Drill Hall, Constance Street.	40	20	12	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..
1243	*Southend* -	*Board School, London Road.*	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1212	Stratford -	Great Eastern Railway Mechanics' Institute, Davis Street.	100	20	30	..	..	30	..	..	..	25	20	20	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..
1241	Waltham Abbey.	Girls' Class Room -	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	12	..	..
1232	Wanstead -	Infant Orphan Asylum	45	..	..	..	..	45	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	GLOUCESTERSHIRE.																														
1307	Bristol -	Trade and Mining School, Nelson Street.	250	57	40	40	60	53	..	..	85	28	45	56	108	35	45	15	..	..	..	..	..	13	..	..	..	18	..	..	..
1308	" -	Wesleyan School, North Street.	45	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	30	..	25	..	..	..	..	..	..	12	..
1313	" -	University College, Park Row.	80	10	10	..	..	..	..	..	..	15	10	10	25	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..
1313A	" -	University College, Tyndall's Park.	60	..	..	..	..	46	..	..	..	..	..	..	..	..	..	..	10	..	..	*	10	..	..	..	..	..	..	..	..
1311	" -	Wesleyan School, Portland Street, Kingsdown.	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

"Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
	Fawley -	*Board School* - -	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
1438	Gosport -	School of Science and Art, Market House, High Street.	40	..	..	..	..	30	..	..	..	..	..	6	..	..	..	..	..	..	..	14	15	..	..	..	..	..	12	13	10	..
1409	Kingsley -	Ockham Middle Class School.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	35	..	..	..	..	..	13	..	..
1457	Portsmouth -	School of Science and Art, Pembroke Road.	125	30	40	15	35	18	..	..	..	..	15	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..
1412	Shirley -	National School, Wilton Road.	24	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	10	12
1416	" -	Alexandra College, Shirley Park.	40	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	40	..	..	..	..	..	20	..	..
1424	Southampton -	Taunton School, New Road.	36	..	30	..	..	21	..	..	..	..	17	23	17	36	..	..	..	..	..	14	..	..	..	..	..	..	..	13	..	..
1419	" -	School of Science and Art, Hartley Inst., High Street.	120	25	40	30	..	55	6	..	22	18	12	18	20	36	4	36	6	..	..	15	..	..	..	..	..	18	15	..	..	..
1417	" -	Board School, York Buildings.	18	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..
1421	" -	School of Art, Philharmonic Hall.	*	..	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1422	Winchester -	School of Science and Art, Guildhall, High Street.	15	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	HEREFORDSHIRE.																														
1501	Hereford -	Science and Art Classes, Castle Green.	7	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1505	" -	St. Peter's Parochial School, Union Street.	25	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc^{n} & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. p. Inorganic Chemistry (Pract.)	XI. t. Organic Chemistry (Theory).	XI. p. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. p. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
1813	Chatham -	Boys' School, James Street.	20	20	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1944	Dartford -	Board School, St. Alban's Road.	40	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	20	20
1826	Deal -	Institute, Park Street -	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	80	..	..	..	..	..	..	..	..	20	80
1832	*Deptford* -	*Board School, Creek Road.*	*	40	30	10	..	..	..	..	..	..	..	50	..	..	..	..	..	..	..	..	50	..	..	..	..	..	..	20	..	..
1830	" -	Board School, Stanley Street.	*	30	10	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5
1835	" -	St. Nicholas National and Benevolent School, Wellington Street.	30	10	10	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	15
1934	Doddington -	Gloucester House -	5	..	..	..	..	..	..	..	..	..	..	..	6	6	..	..	25	35	..	6	..	..	..	..	..	..	..	..	..	..
1842	Dover - -	School of Science and Art, Northampton Street.	80	..	..	20	..	..	..	..	..	..	..	25	..	..	..	..	15	20	..	..	..	..	..	..	..	..	..	..	..	..
1851A	Erith - -	Iron Room, Victoria Road.	24	12	24	..	..	..	..	..	..	..	..	..	6	6	..	..	30	30	..	..	..	..	..	..	..	..	..	..	..	..
1853	Faversham -	Institute, East Street -	12	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	10	..
1854A	Folkestone -	British School, St. John Street.	20	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	35	20	..	..	..	..	..	..	..	..	..	..	..	..
1951	" -	*Grammar School* - -	30	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1855	Gravesend -	Milton Mount College -	100	..	..	..	..	50	..	..	..	..	..	..	..	..	..	..	15	15	..	35	40	..	..	..	..	..	..	..	..	..
1905	" -	*Middle Class School, Peacock Street.*	40	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	30	30	..	..	..	..	..	..	..	..	..	..	30	30
1937	" -	British School, Kempthorne Street.	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	8	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc" & Drawing	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
1900	Sydenham -	*St. Bartholomews Boys' School.*	25	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1901	" -	St. Michael's Boys' School, Bell Green, Lower Sydenham.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..
1905	*Tunbridge* -	*Free Library* -	20	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	12	..
1908	Tunbridge Wells.	Belgrave Mechanics' Institute.	24	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1955	*Whitstable* -	*Board School, Oxford Street.*	12	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..
1952	*Woolwich* -	*Board School, Powis Street.*	48	..	..	..	..	36	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	30	..
1914	" -	St. John's National School, Wellington Street.	135	50	50	20	..	25	..	..	..	20	20	20	..	..	..	..	..	..	..	12	..	..	..	..	..	..	20	..	..
1915	" -	Royal Arsenal, Mechanics' Institute.	280	80	50	50	..	20	..	..	..	30	20	30	30	17	12	6	..	..	..	20	..	..	..	6	..	..	30	..	..
	LANCASHIRE.																														
2001	Acerington -	Co-operative Hall, Oak Street,	15	..	10	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2009	" -	Mechanics' Institute, St. James Street.	100	12	40	7	..	30	..	..	6	8	15	25	28	56	15	60	..	12	..	..	..	..	..	..	..	8	15	..
2020	Ashton-under-Lyne.	British School, Trafalgar Square.	50	..	40	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..
2021	" "	Albion School, Katherine Street,	70	..	..	..	..	45	..	..	..	..	25	30	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. Inorganic Chemistry (Practl.)	XI. Organic Chemistry (Theory).	XI. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
1900	Sydenham	*St. Bartholomews Boys' School.*	25	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1901	"	St. Michael's Boys' School, Bell Green, Lower Sydenham.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..
1905	*Tunbridge*	*Free Library*	20	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	12	..	12
1908	Tunbridge Wells.	Belgrave Mechanics' Institute.	24	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..
1935	*Whitstable*	*Board School, Oxford Street.*	12	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
1952	*Woolwich*	*Board School, Powis Street.*	48	..	..	..	..	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	30
1914	"	St. John's National School, Wellington Street.	135	50	50	20	..	25	..	..	..	20	20	20	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	20	..	..	..
1915	"	Royal Arsenal, Mechanics' Institute.	280	80	50	50	..	20	..	..	..	30	20	30	30	17	12	6	..	..	..	20	..	..	..	6	..	..	30	..	..	..
	LANCASHIRE.																															
2001	Accrington	Co-operative Hall, Oak Street.	15	..	10	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2009	"	Mechanics' Institute, St. James Street.	100	12	40	7	..	30	..	..	6	8	15	25	28	56	15	60	..	..	12	..	..	..	..	..	..	..	8	15	..	..
2020	Ashton-under-Lyne.	British School, Trafalgar Square.	50	..	40	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..
2021	" "	Albion School, Katherine Street.	70	..	..	..	..	45	..	..	..	..	..	25	30	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

2022	„	„	Mechanics' Institute, Church Street.	60	20	15	10	..	..	..	..	..	10	12	12	20	15	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..
2023	„	„	Dukinfield Library, Town Lane.	80	30	42	..	..	16	..	..	..	18	12	12	14	11	..	..	..	..	15	..	..	..	..	..	..	..	18	..	..
2035	Bacup	-	Mechanics' Institute, Bridge Street.	60	..	*	*	..	12	..	..	..	15	18	15	18	..	..	..	10	..	..	..	..	..	..	..	..	..	..	10	..
2038	„	-	*Wesleyan School, Heald*	20	..	..	..	..	8	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2039	„	-	*Ch. Ch. School* -	21	..	..	6	..	..	..	..	..	6	..	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..
2041	Barrow-in-Furness.		School of Science and Art, Working Men's College and Institute.	70	15	40	30	..	..	..	..	..	15	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2043	„	„	Wesleyan Day School, Dalton Road.	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..
2044	„	„	Higher Grade Board School, Abbey Road.	50	..	..	..	..	20	..	..	..	..	..	30	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..
2051	Blackburn	-	Science and Art School, Paradise Lane.	100	40	20	20	..	20	..	..	..	12	20	30	30	..	..	..	..	..	..	40	..	..	..	..	..	..	..	25	20
2052	„	-	St. George's School, Preston Road.	40	..	..	..	..	25	..	..	..	..	..	..	25	..	..	..	..	..	..	25	..	..	..	..	..	..	..	40	..
2060	„	-	*St. Luke's Schools, Duckworth Street.*	30	..	..	..	..	9	..	..	..	..	23	21	..	..	..	..	..	..	..	22	..	..	..	..	..	..	..	..	..
2061	„	-	*Board School, Moss Street.*	25	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2062	„	-	*Trinity Wesleyan Sch., Preston Road.*	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	25	..
2074	*Bolton*	-	*Mawdsley Street Board School.*	90	..	..	..	..	..	..	..	..	..	26	56	..	..	..	..	..	..	30	..	..	..	..	..	..	..	40	15
2075	Bolton	-	School of Science and Art, Church Institute, Silverwell Street.	280	40	60	25	..	70	..	..	20	60	25	25	42	30	2	2	..	..	15	..	..	15	..	..	..	..	20	10	..
2076	„	-	Mechanics' Institute, Mawdsley Street.	100	20	20	20	..	..	..	..	20	20	..	20	15	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2078	„	-	Parish Church School, Church Gate.	80	..	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2087	„	-	Co-operative Hall, Bark Street.	60	10	10	10	..	20	..	..	10	20	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	10	..
2091	„	-	Congregational School, Derby Street.	15	..	15	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2092	„	-	High School, Davenport Street.	60	12	12	..	..	60	..	..	30	..	..	30	60	30	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..
2570	„	-	*Board School, Albert Place, Clarence St.*	80	..	..	..	..	60	..	..	..	..	..	..	50	34	..	..	..	..	26	..	..	..	..	..	..	..	20	..
2592	„	-	*Bank Top School, Sharples.*	6	..	..	..	..	4	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2587	*Bootle*	-	*High School, Merton Road.*	30	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

SCHOOL AND CLASS SUBJECTS TAUGHT.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *a.* Inorganic Chemistry (Theory).	X. *β.* Inorganic Chemistry (Practl.)	XI. *a.* Organic Chemistry (Theory).	XI. *β.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *β.* Metallurgy: Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
2095	*Bootle* -	*St. John's National School.*	85	20	..	30	..	30	..	..	10	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2101	Burnley -	Carlton Road School -	50	..	12	10	..	30	..	..	..	..	45	50	..	..	..	..	..	..	35	15	..	..	..	..	..	..	..	..	..
2102	" -	Church of England Literary Institute.	37	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2103	" -	Manchester Road. Grammar School, North Parade.	39	..	..	..	..	..	..	..	8	..	15	30	30	16	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..
2104	" -	School of Science and Art Mechanics' Institute, York Street.	234	26	17	26	..	60	..	..	10	10	40	70	37	..	..	..	24	..	38	..	..	12	..	..	..	..	14	14	..
2113	" -	*Institute Briercliffe* -	98	..	..	..	..	..	..	..	..	..	16	..	..	..	..	..	..	..	16	..	..	..	..	..	..	..	..	16	..
2105	" -	Pulledge Wesleyan School, Todmorden Road.	20	..	..	..	..	20	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2116	Bury -	Athenæum, Market Street.	70	10	20	15	..	30	..	..	..	15	..	..	20	13	..	..	..	..	..	..	..	12	12	20	..	..	..	..	..
2119	" -	Co-operative Society, 21, Market Street.	60	..	..	..	..	..	..	..	..	..	..	..	20	20	20	..	..	..	25	..	..	..	..	..	..	..	..	..	16
2110A	" -	Co-operative Society, Broad Street.	50	40	30	20	..	10	..	..	..	12	20	20	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	10	6	..
2122	" -	Grammar School, The Wylde.	70	..	10	..	..	..	..	..	..	..	..	40	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70	24	..
2126	Chorley -	St. George's National School, Market Street.	30	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..
2130	*Clayton-le-Moors.*	*Mechanics' Institute, Pickup Street.*	20	..	..	..	..	..	..	..	..	..	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2138	Colne -	Grammar School, Church Street.	22	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	10	16	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
2190	Lancaster -	School of Science and Art, Mechanics' Institute, Market Street.	45	5	5	10	..	..	..	..	..	..	..	..	20	12	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..
2191	" -	Boys' National School, St. Leonard's Gate.	16	..	..	..	..	16	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2196	Leigh -	Wesley School, Old Chapel Street, Bedford.	24	..	..	..	..	..	..	..	..	..	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2594	*Leyland* -	*National School, Union Hall.*	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..
2203	Littleborough	Church of England New School, Victoria Street.	33	25	16	14	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2204	" -	*Methodist Free Church School, Church Street.*	40	..	..	..	..	40	..	..	..	..	..	15	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..
2563	Little Lever -	Wesleyan School, Mytham Road.	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	80	..	..	..	..	..	..	..	..	..	..
2244	Liverpool	Pupil Teachers' College, 6, Sandon Terrace.	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70	..	..	..	..	..	..	..	..	..	..
2214A	" -	School Board College, 111-13, Shaw Street.	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2240	" -	Board School, Pleasant Street	106	..	..	..	..	60	..	..	16	..	30	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..
2516	" -	Convent of Notre Dame, Everton Valley.	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..
2226	" -	*St. Andrew's Schools, Fleet Street.*	6	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2513	" -	St. Edward's College, St. Domingo Road, Everton.	63	..	..	..	..	40	..	..	36	..	25	28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
2255	Manchester	St. Mark's Church Institute, River Street, Hulme.	60	..	20	..	..	10	..	..	..	10	10	10	20	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	10
2256	,,	St. Michael's School, Hulme.	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..
2258	,,	School of Science and Art, Mechanics' Institute, Princess St.	300	142	90	80	..	120	6	3	50	30	45	50	37	..	4	5	6	10	18	24	6	..	20	28	..	..	40	46	6
2259	,,	St. Philip's School, Bradford Road, Ridgeway Street.	30	..	..	..	..	12	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
2265	,,	St. Luke's, National School, Albion Street.	18	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2266	,,	St. Wilfrid's Roman Catholic School, Rutland Street.	40	..	..	..	..	12	..	..	..	..	20	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
2275	,,	*Catholic Collegiate Institute Oxford Rd.*	24	..	..	..	..	24	..	..	..	..	..	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2269	,,	Commercial School, Stretford Road.	60	8	15	..	..	30	..	..	12	..	..	30	15	..	..	20	..	..	30	..	..	..	..	..	..	..	40	..	..
2274	,,	*Girls' School, Holly Banks, Yellow Fold, Cheetham Hill.*	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..
2250	,,	Lower Mosley Street School.	110	20	10	10	..	10	..	..	..	10	10	10	8	8	..	..	..	10	..	15	20	..	..	..	..	10	..	..	..
2290	,,	Wesleyan School, Elm Street, Oldham Road.	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..
2262	,,	School of Science and Art, Grammar School, Long Millgate.	800	40	140	20	..	150	40	10	125	20	70	190	250	300	35	90	..	..	104	20	..	..	35	15	..	15	90	102

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
2310	Nelson-in-Marsden.	Lomeshaye Schools	10	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2318	"	Salem School, Scotland Road.	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	..	..	16	..	..	..	..	..	..	..	..	..
2315	Newton Heath	British School, Droylsden Road.	20	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	20	..
2316	"	Library Room, L. and Y. Railway Works, Thorp Road, off Oldham Road.	28	..	20	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2321	Oldham	Science and Art School, Union Street.	676	276	344	90	..	298	*	..	66	87	28	..	65	90	..	12	25	..	..	12	20	..	..	..	..	..	43	..	..	..
2325	"	Werneth Mechanics' Institute, Manchester Street.	20	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2329	"	Board School, Smith Street.	45	25	20	6	..	..	..	..	..	8	..	..	..	..	..	..	12	..	..	12	10	..	..	..	..	..	6	..	..	..
2585	"	Liberal Club, Middleton Junction.	*	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2332	Openshaw	Mechanics' Institute, Potfery Lane.	46	5	12	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..
2334	Ormskirk	Boys' National School, Aughton Street.	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2357	Pendleton	St. Paul's School, John Street.	50	..	..	15	..	20	..	..	..	15	20	15	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	20	..
2359	"	St. Paul's School, Ellor Street.	60	50	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2406	Platt Bridge	St. Peter's School, Low Green.	13	..	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1-2, 4 & 6 & 3. 5. 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *b.* Inorganic Chemistry (Practl.)	XI. *f.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
2430A	Salford -	Wesleyan Schools, Sussex Street, Lower Broughton.	*	20	20	..	..	.. .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2451	" -	Catholic Grammar School, 43, The Crescent.	45	..	..	..	..	20	..	..	20	35	30	..	..	..	..	..	36	..	..	..	..	..	..	..	..	35	..
2453	" -	New Jerusalem School, Irwell Street.	15	..	..	..	..	12	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..
2501	*Shaw* -	*East Crompton School, Milnrow Road.*	12	..	..	..	..	.. .. ..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..
2540	Shuttleworth (near Bury).	Baptist School Room, Bank Lane.	14	..	..	..	..	.. .. ..	..	..	..	24	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2441	Smallbridge -	St. John's National School, Halifax Road.	20	10	6	4	..	.. .. ..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2443	" -	Congregational School, Halifax Road.	8	..	..	..	..	.. .. ..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..
2444	Smithy Bridge	United Methodist Free Church Schoolroom, Lane Side.	20	..	..	..	..	12	..	..	10	10	10	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2500	*Southport* -	*Art Gallery, Lord Street.*	123	..	..	32	..	74	..	..	24	17	33	22	..	..	..	..	36	..	..	..	..	..	..	..	..	..	..	..
2454	*Stackstead* -	*Tunstead National School.*	12	..	..	..	..	.. .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
2450	Stalybridge -	Mechanics' Institute, High Street.	47	20	15	10	..	12	..	*	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..
2458	Todmorden -	Roomfield Board School	70	32	15	14	..	13	..	7	7	5	5	18	..	8	..	5	..	..	..	..	..	..	..	..	..	8	10	..
2463	" -	Primitive Methodist Sunday School, Knowlwood.	8	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
2618	Leicester -	School of Science and Art, Wyggeston's Hospital Boys' School, High Cross Street.	340	..	..	20	..	..	..	..	84	..	25	172	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2620	" -	Wyggeston's Hospital, Girls' School, Humberstone Gate.	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	40	..	..	..	..	..	..	..	*	..	..
2647	" -	Board School, Oxford Street.	90	..	..	..	..	60	..	..	..	..	..	..	..	..	..	..	*	..	..	50	..	..	..	..	..	..	..	..	10	..
2627	" -	Old Town Hall, Town Lane.	*	..	..	..	..	8	..	..	..	6	..	..	6	..	6	..	..	..	..	6	8	..	..	..	..	..	*	..	6	..
2619	" -	*Secular Hall, 77, Humberstone Gate.*	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	6	..
2646	Loughborough -	Board Schools, Cobden Street.	16	*	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2624	Lutterworth -	Public Elementary School, George Street.	35	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..
	LINCOLNSHIRE.																														
2704	Boston -	National School, 11, Pump Square.	4	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	4	..	4	..
2711	Caistor -	Lower Grammar School, Church Street.	16	..	..	..	..	12	..	..	..	..	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
2716	Gainsborough -	Britannia Iron Works, Trinity Street.	*	..	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2717	" -	*Wesleyan School, Hickman Street.*	*	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2718	" -	*Lord Street School-room.*	6	3	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 4 & 6.	V. Pure Mathematics. Stages 3, 5, 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
2820	*Bethnal Green*	*St. Bartholomew's School, Essex Street.*	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
2821	„	*Globe Road Board School.*	60	..	..	..	..	20	..	..	..	20	30	15	..	..	..	..	..	25	20	..	..	..	..	..	..	..	20	24
2837	Bishopsgate	Upper School, Skinner Street.	28	..	..	..	..	..	..	..	..	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	24
2838	„	Girls' School, Primrose Street.	30	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	30
2832	Bloomsbury	Working Men's College, 45, Great Ormond Street.	165	..	..	..	..	20	..	33	..	..	38	..	..	..	..	38	..	..	54	..	..	..	..	..	..	..	..	..	..
2841	Bow	Bow and Bromley Institute, Bow Road.	200	100	80	80	..	35	..	..	30	20	30	30	..	..	..	..	..	..	..	30	..	..	..	..	..	70	60	50
2843	„	Senior School, 460, Old Ford Road.	60	40	50	20	..	20	..	..	..	40	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2847	„	Board School, Fairfield Road.	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	20	..
2848	„	*Private School*, 11, *Tom-lins Grove.*	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..
2849	Brentford	British School, High Street.	25	15	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
2851	Bromley-by-Bow.	National School, Priory Street.	15	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
2853	„	Board School, Byron Street.	16	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
2861	Chancery Lane	Birkbeck Literary Institute, Southampton Buildings.	700	100	50	50	..	200	50	50	70	200	200	100	25	40	25	60	20	130	150	80	..	..	..	..	70	60	50
2863	Chelsea	Onslow College, King's Road.	183, 200	45	20	80	..	25	..	10	20	25	40	33	33	33	33	12	..	20	6	10	..	10	10	..	..	20	..	20

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c. —*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *b.* Inorganic Chemistry (Practl.)	XI. *b.* Organic Chemistry (Theory).	XI. *b.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *b.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XX Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
2959	Islington	Boys' National School, Cloudesley Street.	40	..	..	..	..	3	..	..	..	..	34	36	..	..	..	..	..	..	34	..	..	..	..	..	..	..	..	34	..
2963	"	Youths' Institute, St. George's Hall, Richmond Rd., Barnsbury.	30	..	..	..	..	..	..	..	..	..	..	30	30	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	30	..
2964	"	Science and Art School, Windsor Street, Essex Road, N.	280	130	36	94	..	70	..	..	60	43	80	90	90	36	..	..	20	..	..	40	..	..	..	..	..	20	..	..	..
2968	"	Highbury Institute, Compton Avenue, Canonbury Road.	200	10	10	10	..	20	..	..	10	..	20	40	10	..	..	..	20	..	..	40	40	..	..	..	..	..	..	30	40
2976	Kensington	British School, Allen Street.	50	10	..	30	..	..	..	..	..	..	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2982	Kentish Town	Training School, Wilkin Street.	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..
2986	"	Gospel Oak School, Allcroft Road.	150	20	20	20	..	5	..	..	..	..	60	90	20	..	..	..	20	..	..	36	60	..	..	..	..	..	..	30	80
2987	"	National School, Islip Street.	6	6	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2989	Kilburn	St. Augustine's Boys' School, Kilburn Park Road.	20	20	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2991	Kingsland	Middle Class School, Sandringham Road.	60	..	..	..	..	..	..	..	..	..	..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2993	"	North London School of Science and Art, Sandringham Road.	45	10	10	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3004	Limehouse	Board School, Thomas Street, Burdett Rd., E.	70	..	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *b.* Inorganic Chemistry (Practl.)	XI. *a.* Organic Chemistry (Theory).	XI. *b.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *b.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
3080	Queen's Park (Harrow Road).	Board School, D. Street	100	40	..	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	20
3081	*Ratcliff-* "	*Board School, Broad Street.*	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..
3169	Regent St.	Young Men's Christian Institute, Polytechnic, 309, Regent Street.	300	40	20	..	..	20	..	..	10	10	20	35	20	24	..	..	40	..	20	20	..	..	..	..	..	..	..	..	..
3203	Shepherd's Bush.	St. Stephen's National School, Uxbridge Road.	6	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3097	Somer's Town	Board School, Aldenham Street.	120	90	10	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3098	"	Institute, Ossulton Street.	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3104	Stepney	Ben Jonson Board School, Harford St.	100	..	..	..	..	..	..	..	..	..	..	90	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	100	..
3106	"	Meeting School, Garden Street.	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	12	..
3116	"	*Board School, Dempsey Street.*	80	..	*	*	..	*	..	..	..	..	..	*	..	..	..	..	*	..	..	..	..	..	..	..	..	..	..	..	..	..
3117	"	*Public School, Johnson Street, Commercial Road.*	60	..	..	..	..	..	..	..	..	..	..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3105	Strand	King's College, School of Practical Art.	25	*	*	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3300	Tottenham	Girls' National School, Park Lane.	10	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *a.* Inorganic Chemistry (Theory).	X. *b.* Inorganic Chemistry (Practl.)	XI. *a.* Organic Chemistry (Theory).	XI. *b.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *b.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
	NORFOLK.																												
3400	Banham -	Commercial School, Church Green.	15	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3402	King's Lynn -	Athenæum, Baxter's Plain.	61	6	12	12	..	6	..	..	..	..	..	10	5	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..
3407	Norwich -	Presbyterian School, Calvert Street.	50	..	..	..	..	50	..	..	..	20	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3409	,, -	School of Science and Art, Free Library, St. Andrew's, Broad Street.	23	4	14	5	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3415	,, -	*Congregational Church Schoolroom, Prince's Street.*	20	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3423	Thorpe -	St. Andrew's National School.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..
3419	Wymondham	Central Board School, Browick Lane.	6	6	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3416	Yarmouth (Great).	School of Science and Art, South Quay.	90	5	6	8	..	15	..	6	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	50	20	..	..
3417	,, -	Grammar School	20	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3418	,, -	British School, St. George's Road.	20	..	..	..	..	8	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..
	NORTHAMPTONSHIRE.																												
3506	Daventry -	Assembly Hall, Foundry Place.	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy. Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
3637	*Morpeth*	*Grammar School.*	45	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45
3629	Newcastle-on-Tyne.	Byker Board School, Heaton Park Road.	15	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3630	„	Board School, Westmoreland Road.	48	..	..	..	..	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..
3616	„	Mechanics' Institute, Elswick.	200	100	140	16	..	100	4	..	34	34	20	..	32	32	24	..	..	..	..	..	..	..	..	..	..	8	2	..	..	..
3617	„	School of Science and Art., Public Libraries, New Bridge Street.	150	75	68	12	..	25	..	..	36	36	..	..	24	8	8	..	..	..	..	..	..	25	..	..	..	..	..	30	..	..
3626	„	School of Science and Art, Bath Lane, Corporation Street.	300	30	30	18	10	115	6	..	15	15	35	45	50	101	25	23	12	..	25	18	6	10	8	..	..	..	12	50	10
3621	„	School of Science and Art, Library Place, Westgate Road.	18	4	4	10	..	..	..	..	..	15	35	45	50	101	25	8	12	..	25	18	6	10	8	..	..	..	..	..	..	..
3559	„	North-Eastern Institution, Central Railway Station.	20	..	..	..	..	20	..	..	..	15	20	20	24	24	8	8	8	..	..	..	4	..	..	..	..	..	..	..	..	..
3631	North Shields	Christ Church School, Albion Road.	14	..	..	4	..	6	..	..	..	15	20	10	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	4	12	..
3633	„	Kettlewell School, George Street.	36	4	4	12	..	12	..	..	..	15	20	10	..	..	..	..	..	..	..	..	4	..	..	..	..	8	..	..	12	..
3635	„	*United Presbyterian School, Northumberland Square.*	34	2	16	12	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3660	*Seghill*	*Board School. School Street.*	18	..	..	..	..	..	..	..	..	15	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1. 2. 3.	V. Pure Mathematics. Stages 4. & 5.	V. Pure Mathematics. Stages 6. & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy/Pract.	XX. Navigation.	XXI. Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
3820	*Oxford* -	*St. Philip and St. James' Sch., Leckford Rd.*	40	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..
3822	" -	University Museum	80	..	..	15	..	..	..	..	..	..	15	15	15	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..
3823	" -	Wesleyan School, New Inn Hall Street.	50	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	50	..	..	..	..	..	..	..	..	..	..
3826	Witney -	Wesleyan Mutual Improvement Society, High Street.	5	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	SHROPSHIRE.																														
3901	Coalbrookdale	School of Science and Art, Literary and Scientific Institute.	12	8	6	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3902	Dawley -	National School, Brandlen.	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3922	" -	Coalbrookdale Company School, Pool Hill.	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	25	..	..	..	..	..	..
3925	*Donnington (nr. Newport)* -	*Victoria Hall* -	30	..	20	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3923	Hadley -	Board School -	24	..	20	..	..	..	..	..	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3924	*Wrockwardine, Wellington.*	*Boys' School* -	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..
3927	*Newport* -	*British School, Wellington Road.*	30	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3908	Shrewsbury -	School of Science and Art, Vaughan's Mansions.	12	..	..	..	..	..	..	..	..	..	..	..	12	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3926	*Wellington* -	*Board School, Constitution Hill.*	20	..	..	..	..	..	..	..	..	..	14	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *a*. Inorganic Chemistry (Theory).	X. *p*. Inorganic Chemistry (Practl.)	XI. *a*. Organic Chemistry (Theory).	XI. *p*. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology	XV. Elementary Botany.	XVI & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p*. Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
4148	Leek	Mechanics' Institute, 2, Stockwell Street.	10	5	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4168	Stafford	School of Science and Art, Borough Hall, Eastgate Street.	20	..	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4169	"	*Grammar School, Newport Road.*	25	25	..	..	..	26	..	..	4	..	..	25	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..
4173	Stoke-on-Trent	Minton Building, London Rd.	12	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4173A	"	Free Library Building, London Road.	30	..	..	..	..	10	..	..	..	..	10	20	..	..	..	..	..	..	..	10	..	20	..	..	..	..	..	..	30	..
4177	*Tamworth*	*Boys' Board School, Marmion Street.*	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	15
4254	*Tettenhall Wood.*	*Christ Church Schools.*	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4184	Tunstall	Endowed School, Lyndhurst Street.	40	..	..	..	..	12	..	..	..	..	..	30	32	30	20	..	25	10	..	..	20	..	..	..	30	..	..	..	..	..
4186	*Uttoxeter*	*Day School, High Street*	*	..	..	..	..	..	..	..	..	..	10	10	..	25	..	..	..	..	..	10	..	..	..	..	10	..	..	..	10	..
4190	Walsall	Queen Mary's School, Lichfield Street.	66	..	..	..	..	..	..	..	..	..	..	60	..	25	7	25	10	..	25	20	..	..	..	..	..	..	..	..	..	..
4188	"	School of Science and Art, the Institute, Station Street.	120	8	8	..	..	30	..	..	8	..	15	30	29	25	25	10	..	25	20	..	..	..	..	..	10	..	..	..	..	..
4195	Wednesbury	Free Library, Walsall Street.	100	..	20	..	..	15	..	..	..	..	..	..	35	..	..	..	10	..	..	10	..	..	..	..	..	10	..	..	..	..
4196	"	Higher Grade School, Walsall Road.	24	..	24	..	..	15	..	..	..	..	24	24	24	..	..	..	..	..	..	12	..	..	..	..	..	24	..	..	..	..
4205	West Bromwich	Grammar School, New Street.	12	..	20	..	..	12	..	..	..	..	..	12	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..

4212	Wolverhampton.	Free Library, Garrick Street.	300	60	..	20	..	..	..	25	..	..	30	30	20	30	25	..	..	15	..	50	12	..	..	..	..	15	12
4213	"	St. Peter's School, St. Peter's Walk.	130	..	..	..	..	..	..	90	..	..	..	..	..	90	..	..	..	..	..	90	40	..	..	..	..	..	..
4215	"	School of Science and Art, Darlington Street.	70	4	50	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	SUFFOLK.																														
4303	Beccles - -	Mr. Hockey's Middle Class School, Ballygate Street.	60	4	2	4	..	20	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	35	..
4302	" -	Town Hall, Smallgate Street.	14	..	..	..	..	..	..	..	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4304	Bury St. Edmunds.	Guildhall Middle School, College Street.	20	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4321	Gorleston -	Board School, Stradbroke Road, Lowestoft Road.	12	..	..	..	..	6	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	6
4306	Ipswich -	School of Science and Art, High Street.	70	10	18	18	..	..	..	..	..	..	..	20	..	..	..	..	..	15	..	..	..	..	..	..	..	15	15
4306A	" -	Working Men's College, Tavern Street.	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..
4311	Lowestoft -	School of Science and Art, Public Library, London Road.	12	6	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	SURREY.																														
4423	*Banstead* -	*Board School* -	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..
4404	Battersea -	Wesleyan Methodist Chapel School, Landsseer Street.	90	90	20	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4402	" -	Park Board School, Park Road.	50	45	10	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4413	" -	Sir Walter St. John's Middle Class School, High Street.	30	..	..	..	..	10	..	..	..	..	..	..	10	..	..	..	..	..	..	..	10	..	..	..	..	..	..
4414	" -	Orkney Street School -	7	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..
4411	" (West)	Belmont Works -	70	20	10	40	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..
4418	" Rise	Royal Masonic Institution (for Girls), St. John's Hill.	88	..	..	..	..	40	..	..	..	..	..	..	..	..	88	..	..	..	..	..	..	..	..	..	..	..	..
4420	Bermondsey -	Board School, Monnow Road.	60	30	10	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4421	" -	Herold's School, Drummond Road.	16	12	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Theoretical Mechanics.	VI. Applied Mechanics.	VII. Sound, Light, and Heat.	VIII. Magnetism and Electricity.	IX. Inorganic Chemistry (Theory).	X. Inorganic Chemistry (Practl.)	XI. Organic Chemistry (Theory).	XI. *b.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc^n & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 4 & 3.	V. Pure Mathematics. Stages 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *a.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.).	XI. *a.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
4477	Pengo -	Working Men's Institute.	*	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4481	Reigate -	Grammar School -	43	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	43	..	..	..	..	..	..	..	..	..	..
4481A	" -	Public Hall -	*	..	..	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4482	Richmond -	British School, The Vineyard.	15	15	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..
4492	Southwark -	Wesleyan School, Chapel Place.	35	..	35	30	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	20
4540	" -	St. Olaves Grammar, Queen Elizabeth St.	25	15	10	5	..	10	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4554	Stockwell -	Spurgeon's Orphanage, Clapham Road.	*	..	..	..	..	36	..	..	..	..	..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4495	" -	St. Andrew's National School, Lingham St.	30	30	10	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4497	" -	Educational Institute, Stockwell Green.	75	..	10	15	..	..	..	..	..	6	15	15	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4498	Streatham -	Royal Asylum of St. Anne's Society.	37	..	..	..	..	37	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4501	" -	Immanuel Church Mission Rooms, Greyhound Lane.	15	15	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4503	Tooting -	Church Institute, Wiseton Road.	50	10	..	35	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4505	" (Upper)	St. Mary Magdalene Middle Class School, Trinity Road.	20	..	..	..	..	6	..	..	..	..	..	20	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..
4506	Vauxhall -	London and South-western Railway Literary Institute, 54, Wandsworth Road.	20	20	10	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

4508	Walworth -	Literary and Scientific Institute, 302, Walworth Road.	18	12	7	5	6	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4579	Westminster Bridge Road.	Messrs. Maudslay, Sons, and Field's School-room.	20	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4524	" -	Yorkshire Society's School.	20	..	..	..	20	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4526	Wimbledon -	Public Hall, Lingfield Road.	20	10	10	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4528	Woking -	Christ Church School, near Station.	14	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	SUSSEX.																														
4603	Brighton -	School of Science and Art, Grand Parade.	220	..	25	90	..	40	..	..	15	10	15	20	30	..	10	15	..	15	15	5	..	..	..	10	..	..	..	..	..	..
4620	" -	*Board School, Pelham Street.*	90	..	..	..	..	10	..	..	..	..	..	12	..	..	..	..	..	..	90	..	..	..	..	..	..	..	..	..	..	..
620A	" -	*Board School, Preston Road.*	20	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..
4604	" -	Central National School, 106, Church Street.	12	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..
4611	Hastings -	School of Science and Art, Claremont.	20	13	*	13	..	10	..	..	..	..	10	10	..	..	10	..	..	*	..	..	..	..	..	..	..	..	..	..	..	..
4611A	" -	*Laboratory Priory Street.*	15	..	..	..	..	..	..	..	..	..	..	..	12	20	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4618	Midhurst -	Grammar School, North Street.	20	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	WARWICKSHIRE.																														
4721	Atherstone -	Grammar School	40	..	..	..	..	..	..	..	..	..	..	..	35	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
4765	*Bedworth*	*Central Boys' School* -	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	30
4702	Birmingham -	Bloomsbury Institute -	50	10	12	20	..	..	..	..	..	..	..	8	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..
4741	" -	Newhall Hill School -	25	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..
4705	" -	Blue Coat School -	56	..	..	..	..	..	..	..	..	..	..	56	56	..	..	..	..	..	56	..	..	..	..	..	..	..	..	..	..	..
4706	" -	British School, Severn Street.	100	..	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4711	" -	Francis' Road, Science School, Edgbaston.	140	..	..	..	..	..	..	..	..	..	18	45	55	..	..	..	..	..	70	..	..	..	..	..	..	..	..	..	..	..
4738	" -	Middle Class School, Priestley Road, Camp Hill, Sparkbrook.	40	..	..	..	..	..	..	..	..	..	..	40	..	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..	..
4713	" -	Friends' Bible Mission, Severn Street.	100	..	..	..	..	40	..	..	..	..	..	20	20	..	10	..	..	..	..	45	..	..	..	..	..	..	..	..	..	..
4714	" -	King Edward's Lower Middle School, Edward Street.	80	..	..	..	..	40	..	..	..	..	..	..	40	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..	..

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3 & 4.	V. Pure Mathematics. Stages 5, 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XV. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
4704	Birmingham	Gem Street School	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4716	"	Hurst Street School	130	..	..	..	..	..	..	..	..	..	60	25	..	..	..	..	..	..	60	..	..	..	..	..	..	..	..	60	..
4760	"	Icknield Street Board School.	75	..	..	..	..	..	..	..	..	..	75	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4706	"	Board School, Dixon Road, Smallheath.	90	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70	..
4707	"	*King Edward's School, Meriden Street.*	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..
4753	"	Islington Scientific Institute, Middle Class School, Bath Row.	*	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4737	"	St. Clement's School, High Park Street.	25	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4756	"	High School, Birchfield Road.	36	..	36	..	..	*	..	..	..	..	..	36	..	..	..	..	..	..	36	..	..	..	..	..	..	..	..	..	..
4723	"	Board School, Farm Street.	58	..	..	..	..	..	..	..	..	9	15	20	..	..	..	..	..	15	..	..	10	..	..	..	..	..	..	..	..
4724	"	Midland Institute, Paradise Street.	400	12	..	..	..	..	..	8	30	35	50	100	102	9	102	50	12	75	50	..	30	6	..	..	..	..	..	..	..
4724A	"	Board School, Bristol Street.	65	..	..	..	..	..	..	..	..	12	15	15	..	..	..	..	..	20	..	..	12	..	..	..	..	..	..	..	..
4726	"	Cornwall Works, Rabone Lane, Soho.	25	12	15	5	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..
4723	"	Board School, Steward Street.	55	..	..	..	..	..	..	..	..	12	20	15	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..
4705	"	Nelson Street Board School.	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..
4755	"	Board School, Elkington Street.	40	..	..	..	..	..	..	..	..	15	16	10	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES, SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.).	XI. Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
4019	Swindon	Great Western Railway Works, Bristol Street, and High Street.	32	..	..	..	..	..	..	..	..	12	12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4020	"	Board School, Sanford Street.	30	..	..	..	..	30	..	20	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	30	..
4021	"	Board School. College Street.	180	40	70	..	..	50	..	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..
	WORCESTERSHIRE.																													
5004	Bewdley	The Institute, Load Street.	20	..	..	..	..	12	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5003	Bewdley and Wribbenhall.	Working Men's Institute, British School.	20	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5014	Dudley	Mechanics' Institute, Wolverhampton Street.	140	..	24	..	..	20	..	..	8	20	24	30	13	..	..	..	16	..	..	..	..	8	..	..	..	8	12	..	..
5015	"	Middle Class School, Kate's Hill.	16	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5017	"	School of Science and Art, Upper King Street.	15	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5030	Kidderminster	School of Science and Art, Commercial Buildings, Exchange Street.	20	15	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5034	King's Heath	Institute	12	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5039	North Malvern.	National School - -	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
5043	Oldbury	Independent School, Talbot Street.	13	..	13	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5136	Bradford	High School, Springfield Place, Manningham Lane.	*	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5140	"	Board School, Feversham Street.	*	..	..	..	..	*	..	..	..	..	..	..	..	..	..	..	*	..	..	..	..	..	..	..	..	..	..	..	..	..
5148	"	Board School, Belle Vue, Manningham.	50	..	..	..	..	50	..	..	..	..	..	..	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5149	"	*Streonshalh School, Claremont.*	16	..	..	..	..	16	..	..	..	..	..	..	11	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..
5129	"	School of Science and Art, Church Institute, North Parade.	64	..	..	6	..	..	..	..	..	..	..	..	18	18	..	..	3	14	..	..	11	15	..	..	..	..	..	..	15	..
5133	"	School of Sciences and Art, Mechanics' Institute, Bridge Street.	139	10	12	23	..	37	..	..	..	11	..	8	22	33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5138	"	School of Science and Art, Grammar School, Manor Row.	150	..	..	..	..	..	..	..	..	*	..	*	36	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5158	Brighouse	Mechanics' Institute, Town Hall Buildings.	20	..	..	3	..	..	..	..	..	..	..	6	17	6	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..
5164	Calverley	Church Institute, Thornhill Street.	14	..	..	..	..	10	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..
5163	"	Mechanics' Institute, Thornhill Street.	6	..	..	..	..	6	..	..	..	..	..	6	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5172	Cleckheaton	Mechanics' Institute, Northgate.	20	..	..	4	..	..	..	..	..	..	..	9	20	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
5172A	"	Mechanics' Institute, Market Place.	20	..	6	..	..	..	..	..	..	..	..	..	20	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..
5171	*Cowling*	*Board School*	29	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

5173	Crosshills	Temperance Hall, Middle School.	*	..	..	..	..	..	..	..	..	8	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5175	Denholme	Mechanics' Institute, Main Street.	28	..	..	..	..	..	..	..	..	12	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
5178	Dewsbury	Mechanics' Institute, Church Street.	80	25	30	..	..	15	..	..	10	20	..	10	12	15	..	15	15	..	10	..	15	..	..	..	..	..	..	..	..	20	15	..
5542	*Dodworth*	*Wesleyan Schools, Green Road.*	36	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..
5180	Doncaster	Great Northern Railway Schools.	*	50	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5182	,,	Young Men's Christian Association, Cleveland Street.	12	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..
5179	,,	School of Science and Art, National School, St. George's Gate.	20	8	12	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5183A	Driffield (Great)	Church Institute Room, Exchange Street.	*	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5554	Drighlington	Board School, Whitehall Road.	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5187	Earby	Victoria Institute	24	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14
5188	Eccleshill	Mechanics' Institute, Stone Hall.	28	..	..	..	..	..	..	..	..	..	7	..	10	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5189	Elland	Board School, South End.	21	..	15	..	..	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5189A	,,	Grace Ramsden's Endowed School.	10	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..
5189B	,,	Brooksbank Westgate. School,	7	..	..	..	..	..	..	..	..	..	..	..	7	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5193	Farsley	Wesleyan School	16	*	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5193A	,,	Mechanics' Institute, Town Street.	8	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5511	Goole	Board School, Alexandra Road.	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..
5201	Great Horton	National School, Southfield Lane.	4	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5206	Greetland	West Vale Mechanics' Institute.	27	..	..	..	..	..	..	..	..	..	..	..	8	8	8	8	..	5	6	..	..	..	..	..	..	..	..	..	..	..	..	..
5207	Guisborough	Workmen's Club and Mechanics' Institute, Westgate Street.	18	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
5208	Guiseley	Mechanics' Institute, Town Street.	25	..	..	..	..	..	..	..	..	..	9	..	12	14	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..
5210	Halifax	Mechanics' Institute	100	..	20	..	..	10	..	..	10	10	10	36	36	..	30	..	20	6	..	..	..	..	..	..	..	..	..	..	..	30	..	..
5214	,,	Crossley Orphan Home and School.	53	..	..	..	..	..	..	..	..	29	..	..	..	..	..	..	53	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc[n] & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1. 2. 3.	V. Pure Mathematics. Stages 4. & 5.	V. Pure Mathematics. Stages 6. & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5224	Harden (near Bingley).	Board School -	7	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5228	Haworth -	Board School, Lees -	11	..	..	..	..	..	..	..	..	..	6	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
5254	Hebden Bridge	Mechanics' Institute, Board School, School Street.	45	8	6	..	..	..	..	..	..	6	..	12	18	..	..	..	6	..	12	..	..	..	..	..	..	..	6	..	8
5236	Heckmondwike.	Mechanics' Institute, Market Street.	15	..	..	10	..	..	..	..	..	..	..	15	15	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..
5243	Hessle -	The Hourn, National School.	25	..	..	10	..	..	..	..	..	..	..	12	4	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	10	..
5240	Holbeck -	Mechanics' Institute -	140	..	20	..	40	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5241	" -	Industrial and Co-operative Society's Rooms, People's Hall, Marshall Street.	25	10	20	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5245	*Holywell Green*	*Mechanics' Institute, New Road.*	12	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	15	..	..	..	..	..	..	..	..	10
5247	*Horsforth* -	*Schoolroom, Crag Hill*	14	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	12	..	..
5248	" -	Mechanics' Institute, Town Street.	10	..	..	10	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..
5253	Huddersfield	Parish Church School, Kirkgate.	6	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	12	..	..	18	15	..	..	..	..	..	..	..	..
5254	" -	School of Science and Art, Mechanics' Institute.	200	20	20	20	..	15	..	..	12	20	12	25	60	48	..	..	12	..	..	18	15	..	..	..	..	..	..	10	10
5271	Hull - -	Church Institute, Albion Street.	168	..	6	6	..	12	..	..	12	20	12	24	..	..	..	..	..	..	..	12	15	..	..	..	..	..	15	10	24
5272	" - -	Navigation School, Princes Dock Side.	98	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	63	97	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5318	Leeds	St. Jude's School, Leathley Road, Hunslet.	18	..	18	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5319	"	Mechanics' Institute, Street, Institution Woodhouse.	30	12	10	20	..	6	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..
5330	"	Working Men's Hall, Park Street.	20	9	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5321	"	Young Men's Christian Association, 13, South Parade.	67	..	6	..	..	25	..	..	6	..	..	6	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	12	..	..
5323	"	St. Andrew's School, Cavendish Street.	20	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..
5340	"	Wesleyan School, Darley Street, North Street.	15	..	12	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5338	"	Church Institute, Albion Place.	45	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5346	"	*St. Peter's Church School, Dewsbury Road.*	15	6	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5348	"	Church School Room, East Street Bank.	40	10	40	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5349	"	Highfield School, 18th Avenue, Tong Road, New Wortley.	30	15	26	..	..	12	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	..
5316	"	School of Science and Art, Mechanics' Institute, Cookridge Street.	400	10	20	20	..	25	30	120	..	46	20	110	230	11	4	..	..	..	..	16	..	..	15	4	..	..	40	65	..	..
5351	"	*Primitive Methodist School, Joseph Street, Hunslet.*	40	..	30	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5392	*Rawdon* -	*Low Green School* -	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	..
5395	Rotherham -	School of Science and Art, Literary Mechanics' Institute, Howard Street.	45	..	10	10	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..
5390	„ -	Mechanics' Institute, Howard Street and Effingham Street.	38	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	..	..	12	..	..	..	..	..	..	..	..	10	..
5393	Rothwell -	Mechanics' Institute -	10	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5397	Scarborough -	Mechanics' Institute, Vernon Place.	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	2	..
5398	„ -	St. Mary's Higher Grade School, Castle Road.	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..
5399	„ -	*Central Boys' Board School, Trafalgar Street West.*	52	..	..	..	..	..	..	..	..	..	..	..	46	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..
5408	Selby - -	School of Science and Art, New Lane.	10	4	3	4	..	..	..	..	..	..	..	12	24	20	..	..	..	6	..	4	..	..	..	..	..	..	..	..	..
5423	Sheffield -	Church of England Educational Institute, Saint James' Street.	100	..	20	..	..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	30	..	..
5425	„ -	Mechanics' Institute, Tudor Street.	77	..	16	..	..	..	..	..	..	..	..	12	20	..	..	..	..	6	..	4	..	..	..	..	..	..	..	6	..
5435	„ -	National School, Parliament Street.	12	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	6	..
5436	„ -	Central Board School, Orchard Lane.	300	10	120	10	..	120	..	..	10	..	..	..	80	38	..	..	..	..	20	..	..	..	..	..	..	..	20	20	..

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
			8	6	12			6																					6	
4551 5514A	Wincobank -	School - National School. St. Thomas'	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5485	" (Lower), Wombwell -	Board School, High Street.	15	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5484	Wombwell -	Board School, Barnsley Road.	18	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
5480 5482	*Woodlesford-* Wortley -	*Mechanics' Institute* - Working Men's Institute, Lower Wortley.	10 12	.. ..	.. ..	10 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 12	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 12	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
5483	" "	Zion Sunday School, Whitehall Road.	12	..	12	..	..	..	..	..	..	12	..	..	..	..	..	..	..	10	..	12	..	..	..	..	..	..	..	..	10
5486 5493	Yeadon - York -	Town Hall, High Street British School, Hope Street.	7 20	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	7 ..	6 ..	.. ..	.. ..	.. ..	.. ..	.. 12	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
5489	" "	Institute, St. Saviour Gate.	54	..	..	..	..	7	..	..	..	..	..	..	15	..	..	..	10	..	..	12	..	..	..	..	..	..	..	..	10
5494	" "	School of Sci. and Art, Minster Yard.	25	6	7	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5496	" "	School of Science and Art, Low Ousegate.	13	5	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			30	..	..	..	..	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..
		WALES.																												
	NORTH WALES.																													
7348	Aberdovey -	National School -	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7339	Blaenau Festiniog.	Old Schoolroom, Church Street.																												

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *k.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Pract.)	XI. *k.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5614	Cardiff -	School of Science and Art, Free Library and Museum Building, Working Street.	150	30	40	30	..	52	..	20	20	10	12	21	21	..	..	12	..	10	..	..	..	..	..	..	..	..	..	12
5619	Carmarthen -	School of Science and Art, Parade Road.	11	3	2	6	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7833	" -	*National and Practising School, St. Catherine Street.*	24	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	..	..	..	..	..	..	..	..
7328	Cwmavon -	Oakwood School -	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
7329	" -	Tymarn School -	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
7556	Haverfordwest	School of Industry, Hill Street.	13	5	3	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5674	Landore -	Coffee Tavern Buildings.	20	..	..	..	..	..	..	..	..	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5680	Llanarth -	Board School -	*	..	..	..	..	12	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5626	Llandovery -	British School, Stone Street.	23	..	..	..	..	24	..	..	..	6	..	12	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	14
5627	" -	The College -	70	..	..	..	..	..	..	..	..	..	20	45	6	6	6	..	8	8	..	..	..	..	..	..	..	..	..	..	..
5631	Llanelly -	Nevill Memorial Rooms, Athenæum, Vaughan Street.	55	16	25	16	..	40	..	..	..	..	..	..	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..	..
5633	" -	Board School, Park Street.	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..
5632	" -	Young Ladies' Establishment, Goring Road.	25	..	..	..	..	..	..	..	..	..	25	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7558	" -	Town Hall, Hall Street	20	..	..	..	..	..	..	..	..	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7337	Llangranog -	Pontgarreg British School.	*	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5667	Swansea -	School of Science and Art, Post Office Chambers, Castle Bailey Street.	18	12	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7343	Taibach -	Boys' School, High Street.	*	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5677	*Talgarth* -	*Board School* -	5	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7344	*Talybont* -	*British School* -	10	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5681	Tondû -	Iron Works British School.	15	..	..	..	..	..	4	..	..	..	15	..	..	..	..	..	15	..	..	..	..	15	..	..	..	..	..	..	..	..
7331	*Ystalyfera* -	*Schoolroom, The Wern*	20	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..
	Total for England and Wales -		4849	6344	7057	6314	282	1125	218	167	1900	2560	6518	1916	8268	4168	626	1033	1125	169	7036	2618	298	422	349	59	816	133	1926	4037	4167
	SCOTLAND.																														
	NORTH SCOTLAND.																														
5705	Aberdeen -	Robert Gordon's Colleges, School Hill.	275	130	80	80	..	30	..	..	..	35	..	30	50	63	..	15	..	..	..	15	..	..	..	..	..	..	35	20	..
5706	,, -	Boys' and Girls' Hospital, King Street Road.	36	..	..	..	..	..	..	..	..	..	..	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5712	Aberdeen (Old)	Dr. Bell's School, School Road.	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..
5713	,,	*Grammar School* -	70	..	..	..	..	..	..	..	12	..	..	..	12	..	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stage 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *b.* Inorganic Chemistry (Pract.)	XI. *a.* Organic Chemistry (Theory).	XI. *b.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *b.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5903	Macduff -	Public School, Shand Street.	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45
5905	Monymusk -	Public School, Village Square.	*	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..
7035	*Nairn* -	*The Academy, Academy Street.*	35	..	..	..	..	15	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7076	Peterhead -	Aca. St. Peter Street -	10	..	..	..	..	..	..	..	..	..	..	10	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7085	*Portsoy* -	*Public School, Chapel Street.*	42	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..
5933	Stonehaven -	Public School, Ann Street.	24	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	10	10
7097	*Strathpeffer* -	*Fodderty Public School*	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
5957	Strichen -	Public School, Market Place.	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	20
5944	Thurso -	Mechanics' Institute and Café, Olrig Street.	*	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
5947	Torphins -	Public School -	*	..	..	..	..	..	..	..	..	..	6	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7011	Turriff -	Public School, Victoria Terrace.	45	..	..	..	..	20	..	..	..	10	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	15
5954	Watten -	Gerss Public School -	20	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	8	..	..	..	..	..	..	..	..	..	12	12
5956	*Wick* -	*Pulteney Town Academy.*	55	..	..	..	..	..	..	..	..	..	..	40	..	..	..	..	30	..	..	30	..	..	..	..	..	..	20	..
	SOUTH-EAST SCOTLAND.																												
5735	Arbroath -	High School, Hill Place.	100	..	40	..	..	..	..	..	20	..	20	..	..	..	..	..	..	..	..	40	..	..	..	..	..	..	..	..

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *b.* Inorganic Chemistry (Practl.)	XI. *a.* Organic Chemistry (Theory).	XI. *b.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *b.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5857	Hawick -	Museum, Orrock Place -	70	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	30	..
7650	" -	Chemical Laboratory, 5, Oliver Place.	26	..	..	..	..	..	..	..	..	..	..	..	16	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
7687	*Inchture* -	*Public School* -	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
7633	*Kelso* -	*Public School* -	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5888	Kirkcaldy -	East Public School, Mary Hall Street.	60	..	36	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..
5886	" -	Burgh School, St. Bryce-dale Avenue.	36	20	20	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5893	Leith -	High School, Links -	50	..	50	..	..	..	..	..	..	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50	..	..	..
5894	" -	Navigation School, 14, Dock Place.	250	..	60	..	30	180	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	140	20	..	..
5909	Leven -	Greig Institute, Forth Street.	32	..	24	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5901	Lochee -	Public School Ancrum Road.	50	15	40	9	..	..	..	..	12	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..
7692	*Melrose* -	*Public School* -	17	..	..	..	..	7	..	..	..	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7003	Montrose -	Academy; Academy Square.	30	10	16	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7038	*Musselburgh* -	*Grammar School* -	12	..	12	..	..	..	..	..	..	..	..	6	6	10	..	..	6	..	..	..	..	..	..	..	..	..	6	..	..
5916	Perth -	School of Science and Art Academy, Rose Terrace.	20	8	10	10	..	10	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7672	" -	*Sharp's Educational Institute.*	80	..	..	..	..	26	..	..	..	..	..	54	26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5942	Tayport -	Public School, Ferry-Port-on-Craig.	24	..	10	..	..	5	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..
6945	Tillicoultry -	Public School -	40	..	8	..	..	8	..	..	..	..	..	20	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	12	..
5987	Whitburn -	Benhar School -	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	12	..	..	..	..	..	..	..	..	..

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX *p.* Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
5810A	Glasgow	High School, Elmbank Street.	30	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..
5827	,,	Pub. Sch., 24, Catherine Street.	50	..	..	..	..	..	..	..	..	..	..	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5844	,,	Public School, 3, Buchan Street.	80	..	..	..	..	..	..	..	..	..	20	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5843	,,	Overnewton Public School, Lumsden St.	20	..	..	..	..	20	20	..	..	..	..	..	..	..	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..
5845	,,	Public School, 98, Centre Street.	30	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5973	,,	Garnethill Public Sch., Buccleuch Street and Thistle Street.	40	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..
5958A	,,	Public School, 120, Kennedy Street.	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5832A	,,	Young Men's Christian Assoc. Institute, 70, Bothwell Street.	44	5	6	4	..	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5832B	,,	Young Men's Christian Association, Eglinton Street.	30	..	6	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..
5832D	,,	Young Men's Christian Association, 11, Rosevale Terrace, Partick.	55	..	18	..	20	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*	..	..	..	..	..	..	..	..
5823	,,	Anderson's College, 204, George Street.	1050	130	110	20	..	130	10	10	120	100	80	220	232	80	12	80	90	..	100	90	..	12	12	..	..	..	100	..	..
5823A	,,	*Anderson's College (Tech. Lab.)*	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
5824	,,	Athenæum, 202 to 206, Ingram Street.	6	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.		School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc. & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. Inorganic Chemistry (Pract.).	XI. Organic Chemistry (Theory).	XI. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. Metallurgy, Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
7640	Hamilton	*	St. John's Free Church School, Duke Street.	*	..	..	..	..	..	..	..	..	..	..	50	..	..	..	..	..	..	40	..	..	..	..	..	..	..	..	45	..
5900	"	*	St. John's Grammar School, Duke Street.	25	..	..	..	..	..	..	..	..	..	..	15	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
5960A 5831F	*Helensburgh*	-	Academy, Hope Street - *Rossdhu Hall, Princes Street.*	10 12	10 ..	* ..	.. 12	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
5861	Inveraray	*	Newtown Public School	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
7660	Irvine	*	Public School, Bank St.	24	..	..	..	..	10	..	..	..	..	..	10	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	20	..
7688	"	*	Public School, London Street.	30	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5866	Johnstone	*	Working Men's Institute, Ludovic Square.	20	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5869	"	*	Public School, Floor Street.	40	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..
5871	Kilbirnie	*	Ladyland Pub. Sch.	35	..	..	..	..	..	..	..	..	15	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..
5877	Kilmarnock	*	School of Science and Art, Woodstock Street.	65	20	30	15	..	..	..	..	..	15	..	..	100	15	..	..	..	24	..	60	..	..	..	..	..	..	..	72	..
5878	"	*	Academy, North Hamilton Street.	160	..	..	..	..	110	..	..	40	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
7679	"	*	*Public School, Rosaldan.*	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5881	Kilwinning	-	Eglinton Iron Works School.	*	..	..	..	..	12	..	..	..	..	..	..	15	..	..	..	..	12	..	12	..	..	..	..	..	..	..	12	..
5882	"	*	Annick Lodge, Public School.	15	..	..	..	..	..	..	..	..	..	..	15	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7634	"	*	*Public School, Auchenharr.*	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
7644	*Kirkintilloch*		*Public School, Lairdsland.*	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3.	V. Pure Mathematics. Stages 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *b.* Inorganic Chemistry (Practical.)	XI. *a.* Organic Chemistry (Theory).	XI. *b.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *b.* Metallurgy, Practical.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
6029	Ballaghaderin	Coolavin, National School.	12	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
6026	Ballinasloe -	Academy and Collegiate Institute, Clymore House.	12	..	..	..	..	8	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..
6007	Carrigallen -	Beaghmore National School.	15	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
6010	Elphin - -	Grammar School	20	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6006	*Foxford* - -	*Male National School* -	15	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6014	Sligo - -	Primrose Grange Institute, Knocknarea.	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6032	" -	*College Street School* -	50	..	..	..	..	50	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6018	*Tubbercurry* -	*Male National School* -	20	..	..	..	..	16	..	..	..	..	15	..	15	6	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..
	PROVINCE OF LEINSTER.																														
6157	Athy - -	Model School - -	10	..	..	..	..	10	..	..	..	..	10	10	..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..
6101	Baltragher -	Royal School, Cuba House.	12	..	..	..	..	12	..	..	..	..	12	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6105	Bunbrusna -	Farra School - -	30	30	..	..	..	..	..	..	30	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..
6163	*Drogheda* -	*Academy, Palace Street*	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6112	*Dublin* - -	*Young Men's Christian Association*, 8 *Dawson Street.*	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..
6110	" -	Santry School - -	30	..	..	..	..	25	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	14	..
6120	" -	Railway Companies Office, Inchicore.	32	..	28	..	..	..	..	..	..	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6116	" -	Mechanics' Institute, Lower Abbey Street.	20	..	..	..	..	..	..	..	..	..	..	15	20	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..
6115	" -	King's Hospital, Blackhall Place.	35	..	..	..	..	10	..	..	5	..	15	25	20	6	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc" & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. Inorganic Chemistry (Practl.)	XI. Organic Chemistry (Theory).	XI. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology	XVIII. Mining.	XIX. Metallurgy.	XIX. Metallurgy Pract.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
0255	Drimoleague	Male National School, Chapel Street.	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	9
0220	*Dunmanway*	*Derrynacahara*	28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	..
0221	"	Model School, Coach Road, Tonaform.	30	..	..	..	..	13	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30
0261	"	Drinagh Male National School.	18	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	12
0223	Enniskean	Mawbeg National School	10	..	..	..	..	5	..	4	4	..	10	..	..	..	..	..	..	..	..	10	..	..	..	..	..	8	4	8	..
0226B	*Kenmare*	*Shelburne, No. 2 National School.*	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30
0278	*Kilbrittain*	*Hall of Science*	20	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
0264	"	National Sch., Borleigh	8	..	..	..	..	8	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
0225	Kilkee	National School, Chapel Street.	24	..	..	..	..	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	24
0256	*Killarney*	*Listeigeen National School.*	20	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
0253	*Leap*	*Kilmacabea Male National School.*	12	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	12	12
0234	Limerick	Model School, Military Road.	15	..	..	..	..	15	..	..	15	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..
0232	"	Leamy's School, Hartstonge Street.	*	..	..	..	..	5	..	..	5	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
0252	Lisseycasey	Fergus View National School, Cahera.	18	..	..	..	..	18	..	..	..	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..
0284	Macroom	Intermediate School, Massytown.	18	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	12	..	15
0238	*Meelin*	*National School*	12	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
0277	Newcastle (West).	Courtenay National Schools, Bishop Street.	40	..	..	..	..	30	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. *t.* Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl.)	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. *p.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
6377	Belfast -	St. Malachy's College, Street,	*	..	..	..	..	85	..	..	..	30	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	..
6358	,, -	Duncairn Antrim Road. *St. Enoch's National School,*	*	..	..	..	..	5	..	..	..	..	20	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..
6317	,, -	National School, Fisherwick Place.	30	..	..	..	..	30	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	30	..
6363	,, -	Church of Ireland Young Men's Society, Clarence Place.	30	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..
6387	,, -	*Young Men's Christian Association Buildings, Wellington Place.*	*	..	..	..	..	*	..	..	..	..	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*	..
6309	*Belmont* -	*National School, Tullycarnett.*	24	..	..	..	..	10	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..
6382A 6386	Broomhedge -	Lurgamure School	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..
	Broughshane	*National School, Little Ballymena.*	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..
6384	Carrickfergus	Model School, Belfast	31	..	..	..	..	29	..	..	..	21	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	..
6391	,, -	Road. National School, Albert Road.	60	..	..	..	..	20	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6357	Clough -	Kilyree National Schools.	20	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
6359	Cloughmills -	Tullybane National School.	10	..	..	..	..	..	..	..	..	10	10	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..
6388	Cullybackey -	National School	26	..	..	..	..	15	..	15	..	15	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	15

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construction & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1 & 2.	V. Pure Mathematics. Stages 3, 4 & 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. Inorganic Chemistry (Practl.).	XI. Organic Chemistry (Theory).	XI. Organic Chemistry (Practical).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX. Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
6422	*Portadown* -	*School Room, Edenderry.*	30	..	..	..	..	20	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6425	Poyntzpass -	Taniokey National School.	50	..	..	..	..	10	..	..	..	..	..	40	..	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..	40
	CAVAN.																													
6501	Bailieboro' -	Model School	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50	..	..
6607	*Burnfoot* -	*Garnshanagh National School.*	30	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6616	*Fahan* -	*Public Coffee House Reading Room.*	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6611	*Kincasslagh* -	*Belcruit National School.*	12	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..
	DOWN.																													
6701	Ballynahinch	Drumanees Mill National School.	12	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6704	Banbridge -	Old Academy School, Library Street.	30	..	..	..	..	10	..	..	..	..	..	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..
6732	" -	Academy Temperance Hall, Dromore.	60	..	..	..	..	30	..	..	16	..	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	60	..	..	..
6733	*Bangor* -	*National School*	20	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6706	Donaghadee -	Male National School, Parade.	12	..	..	..	..	10	..	..	6	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6748	Downpatrick -	National School, Fountain Street.	25	..	..	..	..	12	..	..	..	..	18	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6711	Gilford -	Mill School	18	..	..	..	..	10	..	..	..	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14
6714	Hillsborough	Clintagh National School	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
6715	Holywood	Sullivan School, High Street.	80	..	..	..	..	30	..	..	..	..	..	40	40	24	14	12	..	..	..	..	..	..	..	..	..	..	..	30	..	..

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Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

School No.	Place.	School.	Total No. of Individual Students.	I. Practical, Plane, & Solid Geometry.	II. Machine Construc & Drawing.	III. Building Construction.	IV. Naval Architecture.	V. Pure Mathematics. Stages 1, 2, 3 & 4.	V. Pure Mathematics. Stages 5.	V. Pure Mathematics. Stages 6 & 7.	VI. Theoretical Mechanics.	VII. Applied Mechanics.	VIII. Sound, Light, and Heat.	IX. Magnetism and Electricity.	X. Inorganic Chemistry (Theory).	X. *p.* Inorganic Chemistry (Practl).	XI. *t.* Organic Chemistry (Theory).	XI. *p.* Organic Chemistry (Practl).	XII. Geology.	XIII. Mineralogy.	XIV. Animal Physiology.	XV. Elementary Botany.	XVI. & XVII. Biology.	XVIII. Mining.	XIX. Metallurgy.	XIX *p.* Metallurgy, Practl.	XX. Navigation.	XXI. Nautical Astronomy.	XXII. Steam.	XXIII. Physiography.	XXIV. Principles of Agriculture.
6016	Londonderry -	School of Science and Art, Shipquay Street.	9	3	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6017	" -	*St. Columb's National School.*	40	..	..	..	..	20	..	..	..	..	40	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	40
6021	*Macosquin* -	*National School*	25	..	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..
6025	Moneymore -	Intermediate School, Smith Street.	*	..	..	..	..	11	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
6030	Portstewart -	National School, The Hill.	20	..	..	..	..	..	..	..	..	..	16	16	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	12	..
	MONAGHAN.																													
7018	Ballybay -	Shean National School -	20	..	..	..	..	10	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	15	..
7002	Castleblayney -	Lurganearley School -	*	..	..	..	..	8	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..
7029	"	*Drummuck National School.*	16	..	..	..	..	..	..	..	..	..	12	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
7027	" -	Carrickashane National School.	20	..	..	..	..	8	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..
7028	" -	*Oram National School* -	13	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	13	..
7035	Castleshanie -	Aghnagleogh National School.	15	..	..	..	..	8	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..
7004	*Clones* - -	*National School, Cara Street.*	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	12	..
7047	*Dunrymond* -	*Urcher National School*	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..
7048	*Emyvale* -	*Corracrin National School.*	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7043	*Glaslough* -	*Cloncaw National Sch.*	30	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30
7038	Latnamard -	National School -	30	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	30
7005	Monaghan -	Drumsheeny Male National School.	20	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20

| | | |

Appendix B. — Apparatus Grants.

8. Aid granted towards the Cost of purchasing Apparatus and Examples and providing Fittings for Science Schools, 1882.

Sch. No.	Locality.	Name of School or Institution.	Amount of Aid. £	s.	d.
		ENGLAND.			
	Berks.				
101	Reading -	School of Science and Art -	14	7	3
„	„ -	„ „ -	12	5	11
„	„ -	„ „ -	5	4	7
	Bucks.				
202	High Wycombe -	Boys' Board School - -	3	3	0
	Cheshire.				
407	Crewe - -	Mechanics' Institute - -	7	15	6
430	Stockport -	Brentnall Street Wesleyan School -	1	4	11
„	„ -	„ „ -	7	13	10
416	„ -	Mechanics' Institute - -	7	0	0*
„	„ -	„ „ - -	17	0	0*
	Cornwall.				
524	Penzance -	Royal Cornwall Geological Museum	1	4	9
	Derbyshire.				
708	Derby - -	Central School of Science -	3	17	3
710	„ - -	St. Andrew's Schools - -	6	1	8
	Devonshire.				
842	Exeter - -	Training College - - -	2	12	6
890	Torquay -	School of Science and Art - -	1	16	0
	Durham.				
1112	Durham -	Training College - - -	17	0	3
	Gloucestershire.				
1325	Cheltenham -	Christ Church School - -	5	15	9
	Hants.				
1412	Portsmouth -	School of Science and Art -	3	12	7
	Herts.				
1616	Hitchin - -	Mechanics' Institute - -	2	6	2
	Kent.				
1946	Beckenham (New)	Albemarle College - -	0	14	5
„	„ -	„ „ - -	1	7	6
1855	Gravesend	Milton Mount College - -	1	9	2
„	„ -	„ „ - -	1	18	9
1905	Tonbridge -	Free Library - - -	9	2	3
1950	Snodland (near Rochester).	British School - - -	2	15	2
	Lancashire.				
	Ashton - under - Lyne.	Albion School - -	3	9	0*
2022	„ -	Mechanics' Institute - -	8	14	6

* Grants for Fittings.

Apparatus Grants to Science Schools, 1882—*continued.*

Sch. No.	Locality.	Name of School or Institution.	Amount of Aid. £	s.	d.
2022	Ashton-under-Lyne.	Mechanics' Institute	1	11	5
"	"	" "	17	17	0*
2038	Bacup	Heald Wesleyan School	4	14	6
2060	Blackburn	St. Luke's School	4	0	0
2074	Bolton	Mawdsley Street Board School	12	18	9
2075	"	School of Science and Art, Church Institute.	4	8	9
"	"	" "	9	17	9
2087	"	Bridge Street Co-operative Hall	2	19	3
2570	"	Albert Place Board School	16	6	0
"	"	" "	12	8	9
2104	Burnley	Mechanics' Institute	1	19	10
"	"	" "	4	19	0
"	"	" "	0	18	11
"	"	" "	0	10	6
"	"	" "	5	5	3
2093	Dixon Green (nr. Bolton).	Church Institute	7	14	9
2565	Farnworth	Parish Schools	10	1	9
2244	Liverpool	Pupil Teachers' College	4	9	3
2519	"	Young Men's Christian Association	4	18	2
"	"	" "	1	6	9
2255	Manchester	Hulme, St. Mark's Church Institute.	1	10	3
2258	"	Mechanics' Institute	3	0	0
"	"	" "	4	16	6
"	"	" "	62	15	0*
2264	"	Peter Street Board School	20	5	3
2266	"	St. Wilfrid's Roman Catholic School	2	16	3
2277	"	Vine Street Board School	4	11	0
"	"	" "	3	12	6
"	"	" "	1	11	5
2280	"	Lower Mosley Street School	1	6	3
"	"	" "	0	15	0
"	"	" "	3	10	3
2281	"	Abbott Street Board School	4	11	0
2288	"	Armitage Street Board School	0	2	4
2289	"	Every Street Board School	10	18	9
2300	"	Lloyd Street Board School	1	10	3
2575	"	123, Grosvenor Street, Secular Institute.	6	10	0
"	"	" "	1	15	0*
2302	Morecambe	Anderton Street Board School	6	16	7
2321	Oldham	School of Science and Art	4	18	7
2365	Preston	Harris Institute	48	17	1
"	"	" "	1	7	5
"	"	" "	2	2	0
"	"	" "	0	4	10
"	"	" "	0	17	0
2376	Radcliffe	Co-operative Society	1	11	0
2426	Salford	Working Men's College	3	0	0
2582	Tyldesley	Mechanics' Institution	0	17	10
2484	Widnes	Alforde Chambers	8	14	3

* Grants for Fittings.

Appendix B.

APPARATUS GRANTS.

Apparatus Grants to Science Schools, 1882—*continued.*

Sch. No.	Locality.	Name of School or Institution.	Amount of Aid. £	*s.*	*d.*
	MIDDLESEX.				
2863	Chelsea - -	Onslow College - - -	2	1	8
„	„ - -	„ „ - - -	112	11	0*
„	„ - -	„ „ - - -	13	10	0*
2865	„ - -	St. Mark's Practising School -	15	14	4
2903	Goswell Road, E.C.	St. Thomas Charterhouse School -	1	19	10
2905	Gray's Inn Road, W.C.	Home and Colonial Training College.	10	9	7
3016	Marylebone -	Ogle Street Grammar School -	20	0	3
3047	Old Street, E.C. -	Hall of Science - - -			
3047A	Oxford Street, W.	Practical Science Laboratory, 13, Newman Street.	10	4	3
3053	Paddington -	Westbourne Park Chapel, Porchester Road, W.	18	1	6
„	„ -	„ „	2	1	5
3169	Regent Street, W.	Polytechnic, Young Men's Christian Institute.	4	13	9
3098	Somers Town -	Institute, Ossulton Street - -	5	1	8
3200	Tottenham -	Girls' National School - -	4	18	2
—	School Board for London	- - - -	8	0	0
—	„ „	- - - -	3	0	0
	MONMOUTHSHIRE.				
3305	Ebbw Vale -	Literary Institute - - -	1	8	11
3308	Newport -	School of Science and Art -	2	8	6
	NORFOLK.				
3402	King's Lynn -	The Athenæum - - -	0	8	11
	NORTHUMBERLAND				
3626	Newcastle - on - Tyne.	Corporation Street, School of Science and Art.	19	13	3*
	NOTTINGHAMSHIRE.				
3722	Nottingham -	High Pavement Boys' School -	2	9	1
3768	„ -	Queen's Walk Board School -	6	15	3
	OXFORDSHIRE.				
3809	Banbury -	Grimsbury Wesleyan Day School	1	18	10
3812	Culham - -	Training College - - -	20	3	9
	STAFFORDSHIRE.				
4116	Burslem -	School of Science and Art -	3	5	0*
4173A	Stoke-on-Trent	London Road, Free Library Building.	4	2	9
4184	Tunstall - -	Endowed School - - -	1	19	0
„	„ -	„ „ - - -	4	0	0*
	SURREY.				
4449	Godalming -	Boys' British School - -	0	12	2
4459	Kingston - on - Thames.	Tiffin's Boys' School - -	1	18	9

* Grants for Fittings.

Apparatus Grants to Science Schools, 1882—*continued.*

Sch. No.	Locality.	Name of School or Institution.	Amount of Aid. £	s.	d.
4505	Upper Tooting -	St. Mary Magdalene Middle Class School.	3	7	7
,,	,,	,, ,, -	0	17	1
4517	Wandsworth -	Westhill Roman Catholic Training College.	1	11	6
,,	,, -	,, ,, -	2	0	0
	WARWICKSHIRE.				
4724	Birmingham -	Midland Institute - - -	2	13	9
	WILTSHIRE.				
4919	New Swindon -	Great Western Railway Works -	2	9	3
,,	,, -	,, ,, -	3	7	9
,,	,, -	,, ,, -	3	15	9
	WORCESTERSHIRE.				
5039	North Malvern -	National School - - -	3	9	6
	YORKSHIRE.				
5120	Bingley - -	Mechanics' Institute - -	4	18	2
5172	Cleckheaton -	Mechanics' Institute - -	7	19	4*
5207	Guisborough -	Workmen's Club and Mechanics' Institute.	4	12	6
5210	Halifax - -	Mechanics' Institution - -	1	6	9
5286	Idle -	Mechanics' Institute - -	2	15	6
5296	Keighley -	School of Science and Art -	0	10	7
5293	Knottingley -	Mechanics' Institution - -	1	9	9
5349	Marske-by-the-Sea.	New Marske Miners' Institute -	9	9	5
5371	Otley - -	Mechanics' Institute - -	0	15	4
5383	Parkgate -	Central Board School - -	20	17	5
5399	Scarborough -	,, ,, - -	3	12	1
5395	Shipley -	Salt Schools - - -	13	17	6*
5484	Wombwell -	Broomhill Board School - -	3	6	6
		Total for England -	896	18	2
		WALES.			
7341	Aberystwith -	Ardwyn School - - -	6	0	9
5614	Cardiff - -	Free Library, Royal Arcade -	3	19	9
,,	,, - -	,, ,, -	5	14	0
5648	Mountain Ash -	Duffryn Boys' School - -	2	5	0
5675	Neath - -	Mechanics' Institute - -	2	11	9
,,	,, - -	,, - -	12	0	0*
5680	New Quay -	Llanarth Board School - -	1	4	0
5697	Pontardawe -	Odd Fellows' Hall - -	1	11	9
		Total for Wales - -	35	7	0

* Grants for Fittings.

Appendix B.

APPARATUS GRANTS.

Apparatus Grants to Science Schools, 1882—*continued.*

Sch. No.	Locality.	Name of School or Institution.	Amount of Aid. £	s.	d.
		SCOTLAND.			
—	Aberdeen -	Church of Scotland Training College.	1	15	8
—	„ -	„ „ -	1	8	0
5734	Blairgowrie -	James Street Free Church Hall -	2	8	4
7654	Chapelhall (Lanark).	Old School - - -	3	1	6
5816	Coatbridge -	Gartsherrie Academy - -	5	8	9
5994	Dingwall -	Tulloch Street Public School -	1	1	0
„	„ -	„ „ -	1	7	6
„	„ -	„ „ -	4	16	5
5759	Dundee - -	School of Science and Art (High School).	0	10	2
5788	Edinburgh -	Free Church Model and Practising School.	10	12	9
5804	Falkirk - -	School of Science and Art -	14	13	11
5957	Fort William -	Public School - - -	10	11	7
5818	Glasgow -	Thomson Street Public School -	6	7	0
5844	„ -	Buchan Street Public School -	5	1	0
5857	Hawick - -	Museum - - - - -	4	8	6
„	„ -	„ - - - -	3	3	10
„	„ -	„ - - - -	2	6	3
7659	„ -	Chemical Laboratory, 5, Oliver Place.	4	16	1
5878	Kilmarnock -	Academy - - - -	5	18	0
5903	Macduff - -	Public School - - -	2	1	3
7612	Newarthill -	„ - - -	3	6	9
7676	Peterhead -	St. Peter's Street Academy -	7	9	10
7620	Quarter - -	Public School - - -	2	10	0
„	„ -	„ - - -	0	8	9
5942	Tayport - -	Ferry-Port-on-Craig Public School	2	1	0
5944	Thurso - -	Mechanics' Institute - -	5	7	9
7690	Scalloway (Shetland).	Public School - - -	3	10	0
		Total for Scotland -	116	11	7
		IRELAND.			
		PROVINCE OF MUNSTER.			
6234	Limerick -	Model School - - -	1	14	11
6277	Newcastle West -	Courtenay National School -	2	15	7
		PROVINCE OF ULSTER.			
		CO. ANTRIM.			
6307	Ballymena -	Model School - - -	8	2	2
6309	„ -	Guy's National School - -	3	10	0
6310A	„ -	Slaght National School - -	1	9	0
6329	Belfast - -	Working Men's Institute - -	3	3	0
„	„ - -	„ „ - -	4	15	6
„	„ - -	„ „ - -	9	12	2
„	„ - -	„ „ - -	8	19	1
„	„ - -	„ „ - -	2	5	5

Apparatus Grants to Science Schools, 1882—*continued.*

Sch. No.	Locality.	Name of School or Institution.	Amount of Aid.		
			£	*s.*	*d.*
6329	Belfast - -	Working Men's Institute - -	29	5	1*
6374	Galgorm -	School House - - -	4	0	7
	Co. ARMAGH.				
6422	Portadown -	Edenderry National School -	9	10	10
	Co. DOWN.				
6704	Banbridge -	New Court House, Literary Society	6	10	10
6706	Donaghadee -	Male National School - -	5	6	0
,,	,, -	,, - -	3	0	7
6715	Holywood -	Sullivan Schools - - -	17	3	5
		Total for Ireland - -	121	4	2
		Grand total - -	1,170	0	11

* Grants for Fittings.

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

9. PAYMENTS on the RESULTS of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
			ENGLAND.								
	BEDFORD.			£	£	£	£	£	£	£	£
15	Ampthill -	Nat. Sch., Bedford Street.	Glover, A. W. -								
2	Bedford -	Charity Sch., Harpur Street.	Denyer, A. -			8					
18	„ -	Sch. of Sci. and Art, 60, Bromham Rd.	Denyer, A. -	3							
11	„ -	Brereton Rd. Sch.	Glover, A. W. -								
6	Cranfield -	Nat. Sch. -	Arnold, W. J. -								
12	Luton -	Engineering Works.	Dony, J. H. -		6						
16	„ -	Natural History Society's Room, 2, George Street.	Saunders, J. -								
20	„ -	Bd. Sch., Waller Street.	Smith, F. W. -					9			
10	Pavenham -	Elementary Sch., Main Street.	Glover, A. W. -								2
19	Turvey -	Museum Room, High St.	Glover, A. W. -								
	BERKS.										
116	Burghfield -	Parish Sch. -	Harrington, D. O.								
104	Newbury -	Lit. and Sci. Inst., 60, North Brook Street.	Havell, C. R. -			3					
101	Reading -	Sch. of Sci. and Art, 39, Castle Street.	Hoffert, H. A. Hoffert, H. H. Havell, C. R. - Austin, B. J. -	2		8		5	6	4	
114	Wantage -	Wes. Sch., Back Street.	Unwin, E. -	3							
	BUCKS.										
202	High Wycombe	Boys' Board Sch., Cemetery Road.	Tottle, George -								
206	Wolverton -	Sci. and Art Inst., Church Street.	Harnett, T. W. Coker, G. - Goyer, A. - Simons, C. -	9	4	3		2	4		14
	CAMBRIDGE.										
302	Cambridge -	Ch. of E. Young Men's Soc., St. Edward's Pass.	Smith, C. J. - Blows, Sam. -								
303	„ -	Paradise St. Schs.	Smith, C. J. - Blows, Sam. -					6			18
305	Cottenham -	Board Sch., High Street.	Goddard, A. -								
311	Newmarket -	All Saints Sch. -	Moaksom, T. J.					1			
	CHESHIRE.										
403A	Birkenhead -	The Holt, Tranmere (Branch Sch. of Art).	Sloan, R. A. - Duckworth, T. - Allan, A. -	4				6		5	
425	Bredbury (viâ Stockport).	Nat. Schoolroom	Firth, A. - Sunderland, J. E. - Stott, J. -								
432	Cheadle -	Lit. Inst., Village Green.	Ashcroft, J. B. -					4			

EXAMINATIONS in SCIENCE, 1882.

ENGLAND.

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
8																10	—	18 0 0
..																..	—	9 0 0
..																..	—	3 0 0
2																11	—	14 0 0
..																..	—	2 0 0
..																..	—	6 0 0
..								4								..	—	4 0 0
..							3									..	—	12 0 0
5					3											11	—	21 0 0
8																7	—	15 0 0
..		..														5	—	5 0 0
..		..														..	—	3 0 0
..	6	10½		0			6	3								..	—	70 10 0
..		..														..	—	3 0 0
9	3	..														..	—	12 0 0
18	4	3			4						1			3	3	..	—	72 0 0
5		..														..	—	10 0 0
30		..					16									24	—	94 0 0
..		..														8	—	8 0 0
..		..					2									..	—	3 0 0
2		..												5		..	—	25 0 0
..	9	..						16								..	—	33 0 0
12	14	20														..	—	50 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	CHESHIRE—*cont.*			£	£	£	£	£	£	£	£
405	Chester	Sch. of Sci. and Art, Pepper St.	Craister, W.	3	1	12	..	..	..	..	..
448	„	Nat. Sci. Rooms, Lower Bridge St.	Cowap, C. R. Lowe, W. F. Liddall, J. D.	..	..	..	..	..	..	..	..
407	Crewe	Mech. Inst., Prince Albert St.	Craister, W. Dishart, W. Davison, W. Pillow, E. Atkinson, J. Harris, F. W.	7	10	7	..	19	11	11	24
408	Hyde	Flowery Field Educ. Inst.	Atkinson, J.	2	5	1	..	..	..	..	..
409	„	Mech. Inst., Hyde Lane.	Richardson, H. Cook, Tom Brewer, R. F.	2	6	3	..	5	..	..	..
436	Macclesfield	Useful Knowledge Soc., Mech. Inst., Park Green.	Gee, W. W. Haldane Dale, John Brown, W. Hickson, J. Brown, J.	..	..	..	..	2	..	..	..
449	Runcorn	Young Men's Chris. Assoc., High St.	Tate, F. H. Simkin, T.	..	..	16	..	..	..	..	..
450	„	Holy Trinity Sch., Pool Lane.	Annett, T. H.	..	..	..	..	..	..	..	..
428	Seacombe	Wes. Sch., Brighton Street.*	—	..	..	..	..	..	..	..	..
416	Stockport	Mech. Inst., St. Peter's Gate.	Davies, G. W. Frith, A. Davenport, T. Wakefield, S.	..	7	2	..	1	..	3	18
418	„	Sunday Sch., Duke Street.	Davies, G. W. Firth, A. Wakefield, S. Smith, W. J. Ogden, W.	1	2	..	..	2	..	4	8
417	„	Orphan Sch., Cheadle, Hulme.	Stone, A. Tempest, J. Driver, J.	..	..	..	..	31	..	..	34
442	Wallasey	Gram. Sch.	Finlay, A. Mead, A. J.	..	..	..	..	5	..	..	..
421	Winsford	Academy, Weaver Street.	Buckley, J.	..	..	..	..	..	..	..	3
	CORNWALL.										
505	Camborne	Roskear Board Sch.	Jago, Wm.	..	..	1	..	..	..	..	..
505A	„	Board Sch., Basset Road.	Gregg, R. A.	..	..	..	..	..	..	..	11
507	„	The Laboratory, Wkg. Men's Club, Fore Street.	Beringer, J. J. Provis, R.	..	..	..	..	..	..	..	..
507A	„	Trevu Road Academy.	Harvey, A. Bickle, J. (jun.)	..	6	..	..	..	..	..	..
508	Falmouth	Polytechnic Inst.	Snell, John Ilsley, J. S. Tresidder, W. H.	..	4	1	..	1	..	..	..
559	„	Brit. Sch., Gyllyng Street, Smithwich Hill.	Roberts, S.	..	..	..	..	..	..	..	..
569A	Fowey	Gram. Sch., The Daglands.	Coghlan, J. A. Waugh, J. E.	..	..	..	..	3	3	..	..
511	Hayle	Drawing Office, Foundry Square.	Bickle, J. Bickle, T. E.	11	..	..	..	..	..	..	..
513	Helston	Commercial Sch., Church Street.	Gill, J. Lugg, R. J.	..	..	..	..	..	..	..	..
548	„	Nat. Sch., Church Street.	Taylor, T. Stephens, J. T.	..	..	..	..	..	..	..	..

* Included in School 2298.

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..					..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
..	9				..	..	3	21	..	..	..	..	..	..	..	..	—	33 0 0
24	26				11	1	6	..	..	..	36	..	..	9	21	..	—	223 0 0
..	..				..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
2	3				..	..	..	..	..	..	..	..	..	..	..	..	—	21 0 0
7	7	6			2	..	..	..	..	..	..	..	..	..	8	..	—	32 0 0
..	8				..	..	..	..	..	..	..	..	..	..	..	..	—	24 0 0
9	..	..			..	..	5	..	..	..	..	..	..	..	12	..	—	26 0 0
..	..	..			..	..	..	..	..	..	..	..	..	..	..	..	—	—
25	31	63	11	8	1	..	17	3	..	..	7	..	..	..	25	11	—	233 0 0
7	9	5½			..	..	3	..	..	..	..	..	..	..	..	..	—	41 10 0
63	..	..			..	..	54	16	..	..	..	..	..	..	38	..	—	236 0 0
6	5	..			..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
		..			..	..	2	..	..	..	..	..	..	..	8	..	—	21 0 0
		..			..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
15		..			..	..	..	..	..	..	..	..	..	..	..	..	—	26 0 0
	11	23			..	4	..	..	..	..	2	..	..	..	..	..	—	40 0 0
		..			..	..	..	..	..	..	..	..	..	8	..	..	—	14 0 0
5		..			..	..	..	3	..	.	..	..	..	..	..	..	—	15 0 0
		..			3	..	..	..	..	..	..	..	..	..	4	..	—	7 0 0
		..			..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..			..	..	..	..	..	..	..	..	..	4	..	..	—	15 0 0
..	9	17½			..	..	..	..	..	..	..	..	..	..	6	14	—	46 10 0
3	..	..			..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	CORNWALL—*cont.*			£	£	£	£	£	£	£	£
589	Helston - -	Board Sch., Herland Cross.	Smitham, R. W.	..	..	..	..	..	..	..	..
517	Liskeard -	Sch. of Sci. & Art, Masonic Hall Parade.	Evans, G. H. -	..	..	4	..	..	..	..	..
588	„ -	East Cornwall Coll.	Wonnacott, J. Grant, A. -	..	..	..	..	13	3	..	..
583	Marazion -	Trevelyan Sch. -	Dingle, J. A. -	..	..	..	..	..	..	..	5
519	Pendeen -	Bd. Sch., Church Road.	Humphrys, W. H. White, W. R. -	..	..	..	..	1	..	..	..
522	Penryn - -	Wes. Sch. - -	Wellington, W. H.	..	..	..	..	..	..	..	..
524	Penzance -	Royal Cornwall Geological Museum.	Barnett, A. K. Corin, E. C. -	..	..	..	..	..	..	..	..
563	„ -	Wes. Day Sch., Chapel Street.	Gasson, G. F. -	..	..	..	..	..	..	..	..
525	„ -	Sch. of Sci. and Art, Morrab Rd.	Geoffroi, H. M. -	..	1	2	..	..	..	..	..
552	Pool - -	Bd. Sch., Church Road.	Provis, R. -	..	..	..	..	..	..	..	..
528	Redruth -	Board Sch., Pednan-drea.	Collins, T. - Beringer, J. J. Lugg, E. H. -	..	..	..	..	4	..	..	..
553	St. Agnes -	Class Room, Church Town.	Prout, T. P. -	..	..	..	..	..	..	..	..
567	St. Ives - -	Nat. Sch., St. Andrew's Street.	Seaman, W. -	..	..	..	..	..	..	..	..
538	Saltash - -	Board Sch., North Road.	Tripp, J. - -	..	..	..	..	3	..	..	..
541	Truro - -	Brit. Sch., Kenwyn Street.	Snell, J. - -	..	..	..	..	1	..	..	..
545	„ - -	Sch. of Sci. and Art, 13, Leman Street.	Geoffroi, H. M. -	..	..	2	..	..	..	..	..
586	„ - -	Central Sch., Fairmantle Street.	Lukies, W. E. - Hawking, W. T.	..	..	..	..	2	..	..	..
587	„ - -	Boys' Sch., Fairmantle Street.	May, T. F. -	..	..	36	..	..	..	..	..
	CUMBERLAND.										
619	Carlisle - -	Fawcett Schs., West Walls.	Horsfield, A. - Pitchford, J. -	..	..	..	..	..	..	..	..
622	„ - -	Board Sch., Morley St., Denton Holme.	Readwin, W. -	..	..	..	..	..	..	..	..
603	„ - -	Ch. Ch. Sch., Close Street.	Sadler, W. -	..	..	..	..	13	..	..	..
604	„ - -	Sch. of Sci. and Art, Mech. Hall.	Lees, H. -	..	4	6	..	..	..	..	..
623	Frizington -	St. Paul's Nat. Sch., Church Rd.	Marlow, F. G. -	..	..	..	..	..	..	..	12
620	Whitehaven -	Scientific Inst., Howgill Street.	Freeman, A. - Doughty, D. W. Bonney, H. -	..	..	..	..	1	..	..	6
	DERBYSHIRE.										
742	Chesterfield -	Sch. of Sci. and Art, Stephenson Memorial Hall, Corporation St.	Francis, E. -	..	12	..	..	..	..	..	..
755	Chesterfield -	Trinity Nat. Schs., Soresby Street.	Wilson, W. H. -	..	..	..	..	..	..	..	..
703	Clay Cross -	Public Hall, Market Street.	Westmoreland, J. - - Aldridge, H. E. Wilson, E. - Gregg, J. H. -	..	..	..	..	..	..	3	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	23 0 0
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..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	—	3 0 0
..	8	13	..	..	..	..	..	..	..	..	..	..	..	..	..	3	—	24 0 0
..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	3	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	—	5 0 0
5	3	..	..	..	..	6	..	..	..	7	..	..	..	..	..	8	—	33 0 0
..	1	6	..	..	..	1	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	3	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	—	5 0 0
..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	36 0 0
..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	3	11	—	16 0 0
..	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	..	—	26 0 0
8	..	..	..	..	..	..	4	..	..	..	..	..	..	..	1	..	—	20 0 0
16	15	33	10	12½	..	..	..	..	..	..	6	..	..	..	..	..	—	104 10 0
9	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	—	24 0 0
..	3	..	..	..	3	..	..	..	..	..	..	..	..	5	..	..	—	14 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	DERBYSHIRE—*cont.*			£	£	£	£	£	£	£	£
707	Derby - -	Central Sch. of Sci. and Art, Green Hill.	Bradbury, A. A. Whitehead, J. -	10	15	6	..	..	..	..	..
708*	„ - -	Central Sch. of Sci., Upper Athenæum Place, Victoria Street.	Coyle, D. -	4	..	..	..	..	..	..	..
709	„ - -	Diocesan Sch., Friar Gate.	Denison, G. T. -	..	..	..	..	7	..	..	..
710	„ - -	St. Andrew's Sch., London Road.	Sutherland, G. Clinton, T. W. Adcock, F. - Bonsall, J. E. -	..	..	..	..	1	..	..	14
711	„ - -	Wes. Sch., Canal Street.	Chadwick, J. - Watterson, R.	..	..	..	..	5	..	..	11
712	„ - -	Wes. Day Sch., King Street.	Walton, J. P. - French, W. C. -	..	..	..	..	..	..	..	..
722	Eckington -	Board Sch., High Street.	Bolton, J. E. -	..	..	..	..	..	..	..	..
725	Heanor -	Boys' Sch., Langley Mill.	Wilkes, R. -	..	..	..	..	..	..	..	..
756	Killamarsh -	Board Sch. - -	Watts, G. G. -	..	..	..	..	..	..	..	..
728	Matlock Bath	Nat. Sch. - -	Rowland, G. J. -	..	..	..	..	..	..	..	..
739	New Mills -	Mech. Inst., Spring Bank.	Nichols, J. A. -	..	..	..	..	1	..	..	..
731	Riddings -	Mut. Imp. Assoc., Nat. Sch.	Shardlow, J. T. Knighton, G. H.	..	7	10	..	..	..	8	..
733	Ripley - -	Outram St. Sch. -	Allfrey, F. -	..	..	..	..	6	..	..	..
745	Staveley -	Boys' Sch., High Street.	Craven, J. -	..	..	..	..	3	..	..	..
753	Tibshelf - -	Colliery Sch. -	Gadd, W. R. -	..	..	..	..	..	..	..	..
	DEVONSHIRE.										
914	Axminster -	Sunday Schools, West Street.	Catford, W. H. B. Simons, C. D. -	..	..	..	..	..	..	..	..
803	Barnstaple -	Sch. of Sci. and Art, Lit. and Sci. Inst., High Street.	Maunder, S. G. Kennedy, J. -	..	..	2	..	..	..	..	5
809	Braunton -	Chaloner's Sch. -	Heape, H. - -	..	..	..	..	..	..	..	..
814	Devonport -	Board School, Cherry Garden Street.	Warren, J. S. - Bowden, J. T. -	3	..	3	13	..	..	..	..
815	„ -	Mut. Imp. Soc., Baptist School, Morice Street.	Ball, G. H. -	13	..	..	8	3	..	..	11
816	„ -	Brit. School, St. John Street.	Gosling, J. W. -	..	..	..	..	1	..	..	..
818	„ -	Stoke Pub. School, Keppel Place.	Rider, A. J. - Cowling, C. H.	..	..	..	..	46	5	..	..
822	„ -	Ford Board Sch., Cambridge Rd.	Michell, P. I. - Rogers, J. T. -	..	1	..	..	6	..	2	..
828	„ -	St. James's Nat Sch., Keyham	Treglohan, T. P. Warren, J. S. - Bowden, J. T. Crowley, E. H. E. - Haggerty, G. A. Hitchings, J. - Ball, G. H. -	21	5	8	12	12	..	17	25
829	„ -	St. John's Nat. School.	Tarn, H. C. - Burner, W. H. Whittingham, W. - Bowden, J. T. - Taylor, J. T. - Ford, F. -	8	12	..	12	23	..	19	25
824	„ -	Stoke Board Sch., Church Street.	Ambrose, W. H.	..	..	..	..	3	..	..	..

* For Session 1880-81.

Examinations in Science—*cont.*

IX.	X.	X.P.	XI.	XI.P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		—	31 0 0
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35	26	14	..	..	..	..	9	..	..	..	..	..	..	..	12		—	111 0 0
14	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..		—	41 0 0
..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	14		—	20 0 0
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14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.		—	14 0 0
14	..	..	..	..	4	..	..	..	..	..	..	..	..	..	.		—	18 0 0
12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.		—	12 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	.		—	33 0 0
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8	..	..	..	..	..	..	4	..	..	..	..	..	..	..	.		—	12 0 0
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	4	—	17 0 0
16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6		—	29 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.		—	6 0 0
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5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.		—	40 0 0
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19	21	23½	..	..	..	..	..	..	..	..	..	..	..	..	.		—	114 10 0
11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3		—	23 0 0
37	10	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	.. —	162 0 0
33	..	..	..	..	..	..	..	..	..	..	..	..	1	..	21	3	—	155 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..		—	4 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	DEVONSHIRE—*cont.*			£	£	£	£	£	£	£	£
841	Exeter	Sch. of Sci. and Art, Albert Mem. (Science only.)	Trott, J. Birkmyer, J. B. Stoneman, T. Jerman, R. Sheppard, W. Perkins, F. P. Groves, R. C. W.	9	3	8	..	3	5	6	9
926	„	Baptist Chapel, Bartholomew St.	Trott, J.	..	..	..	..	6	..	..	..
918	Exmouth	Commercial Coffee Palace, Strand.	Trott, J.	..	..	..	..	2	..	..	..
913	Honiton	Sessions Room, Town Hall, High Street.	Perkins, F. P.	..	..	..	..	..	..	..	..
933	„	Mid. Class Sch., High Street.	Pady, W. J.	..	..	..	..	1	..	..	..
855	Ilfracombe	Nat. Sch., Church Hill.	Tattam, M. W. Barrett, R.	..	..	..	..	2	..	..	7
927	Newton Abbot	Hartlands Rooms, 38, Courtenay St.	Tonkin, J. F.	..	..	..	..	..	..	..	8
858	North Tawton	Board Sch., Exeter Street.	Carey, A.	..	..	..	..	1	..	..	..
865	Plymouth	Navigation Sch., 4, Gascoyne Place.	Merrifield, J. Morris, C. Minhinnick, E. M.	..	..	..	..	10	6	..	..
875	„	Bank of Eng. Sci. Sch., Bank of England Place.	Rider, A. J. Watson, J. P.	..	..	..	..	..	..	..	..
866	„	Public Free Sch., Coburg Street.	Jago, C. S. Pellowe, W. O. Saltmarsh, E. A. Saltmarsh, B. R. Cook, T. A.	36	2	10	..	7	..	..	..
869	„	Collegiate Sch., North Road.	Clarke, P.	..	..	..	..	3	..	..	..
874	„	8, The Octagon	Debnam, A. R.	4	..	25	..	..	..	..	..
859	„	Mech. Inst., Princes Square.	Warren, J. S. Pearce, J. Hockaday, W. T. Rogers, J. T.	7	3	5	8	3	..	1	..
860	„	Gram. Sch., 42, Park Street.	Bond, J. K. Lynch, E. W.	..	..	..	..	19	..	..	..
831A	„	Nat. Sch., Shaftesbury Cott.	Andrews, T. N.	..	1	6	..	8	..	..	1
867	„	St. Peter's Sch., Wyndham Sq.	Hitchings, J.	..	..	..	..	4	..	..	..
898	St. Thomas	Boys' Board Sch., Cowick Street.	Robins, G.	..	..	..	..	7	..	..	..
882	Seaton	Sir A. Trevelyan's Sch., Fore Street.	Tyacke, R. T.	..	..	..	..	..	..	..	..
887	Tavistock	Sch. of Sci. and Art, West Street.	Rafter, H.	..	..	2	..	..	..	..	..
885	„	Board Sch., Plymouth Road.	Craze, J.	..	..	..	..	..	..	..	..
932	Tavistock	Lamerton Ch. of Eng. Sch.	Taffs, L. H.	..	..	..	..	..	..	..	..
886	„	The Gulworthy Bd. Sch.	Gand, J. H.	..	..	..	..	7	..	..	..
919	Tiverton	National Sch.	Veale, E. H.	..	..	..	..	..	..	..	..
899	„	Athenæum, Fore Street.	Bidgood, J. Snell, W. H. Mudford, F. J.	..	..	..	..	2	..	..	5
890	Torquay	Sch. of Sci. and Art, Vivian Inst.	Viccars, T. Richardson, A.	..	..	..	..	..	..	..	..
891	„	Castle College, Castle Road.	Holderness, H. J. Curnow, J.	..	..	..	..	1	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
29	13	20½	..	..	4	..	3	7	..	..	..	..	..	..	7	6	—	132 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	—	9 0 0
17	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	14	—	48 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	6	12	—	26 0 0
..	..	..	..	..	..	..	7	..	..	..	..	14	..	..	..	..	108 10 4	145 10 4
..	91	95½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	186 10 0
..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	62 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	29 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..	—	32 0 0
..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	12	..	—	37 0 0
36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	52 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	11	..	—	23 0 0
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	6	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	—	10 0 0
..	..	..	..	..	..	..	10	..	..	..	..	..	..	.	..	..	—	17 0 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	—	5 0 0
..	11	..	..	..	..	..	8	..	..	..	..	..	..		..	..	—	26 0 0
15	2	..	..	..	..	..	7	..	..	..	..	..	..		..	..	—	24 0 0
12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	DEVONSHIRE—*cont.*			£	£	£	£	£	£	£	£
896	Totnes - -	Hill House Sch. -	Curnow, J. -	..	..	..	..	..	..	..	..
931	Whitestone -	Splatts Sch., Old Okekampton Rd.	Cheeseworth, C. N.	..	..	..	..	..	..	..	..
	DORSETSHIRE.										
1001	Bridport -	Gen. Sch., Folly Mill Lane.	Beard, J. - -	..	..	..	..	..	..	..	..
1020	Dorchester -	Boys' Nat. Sch. -	Brown, John - Cooper, J. R. -	..	..	..	..	..	..	..	..
1016	Evershot -	Stricklands Free Sch.	Brown, John -	..	..	..	..	..	..	..	..
1015	Gillingham -	Board Sch. - -	Tidmarsh, W. -	..	..	..	..	..	..	..	..
1014	Maiden Newton	Nat. Sch. - -	Brown. J. - Brown, G. H. -	..	..	..	..	..	..	..	..
1022	Poole - -	Sch. of Sci. and Art, High Street.	Gill, E. R. - Lawton, H. A. -	..	2	..	..	..	..	..	..
1007	Sherborne -	St. Thomas-à-Beckett's Sch., Cheap Street.	Pooley, John - Ingram, W. J.	..	..	..	..	..	..	..	..
1013	Weymouth -	Sch of Sci. and Art, The Mart, Maiden Street.	Baker, Thomas -	..	4	8	..	..	..	..	..
1010	„ -	Melcombe Regis Sch., Commercial Road.	Miller, J. - -	..	..	..	..	6	..	..	..
	DURHAM.										
1102	Bishop Auckland - -	Temp. Hall, Victoria Street.	Gamon. J. - Gardiner, G.W.	..	9	3	..	..	..	..	..
1102A	„ -	Young Men's Christ. Assoc., Tenters Street.	Wood, A. - Candler, T. E. - Soutter, J. P. -	..	..	..	..	2	..	..	..
1103	Blaydon-on-Tyne - -	St. Cuthbert's Nat. Sch.	Tate, J. H.- -	1	7	..	..	..	..	..	..
1200	Castle Eden Colliery.	Nat. Sch. - -	Elwen, T. L. -	..	..	..	..	..	..	..	..
1158	Consett - -	Co-operative Store, Market Street	Clark, W. N. - Blyden, G. T. -	..	8	..	..	6	..	..	..
1105	Crook (Billy Row) - -	Pease's West Miners' Inst.	Taylor, R. - Stoker, H. - Candler, T. E. -	..	..	..	..	4	..	..	3
1154	„ - -	Board Sch - -	Stoker, H. -	..	..	..	..	2	..	..	..
1174	„ - -	Miners' Inst., Bowden Close Colliery.	Candler, T. E. - Wharton, M. -	..	..	..	..	2	..	..	..
1178	Darlington -	Grammar Sch. -	Wood, Philip - Anderson, W. C.	..	..	..	..	22	13	..	..
1197	„ -	Trinity Boys' Nat. Sch., Union St.	Price, J. H. -	..	..	..	..	..	..	..	..
1110	Durham -	Sci. Sch., Saddler Street.	Meaden, H. P. -	..	..	..	..	..	..	..	..
1114	Esh - -	Miners' Inst, Durham Road.	Stoker, H. - -	..	..	..	..	2	..	..	..
1177	Felling-on-Tyne.	Bd. Sch., Stephenson Terrace.	Brown, J. B. -	..	1	..	..	..	..	..	..
1152	Gateshead -	Alexandra Road, Board Sch.	Templeton, H. G. Eltringham, W. T. Whettem, S. W.	..	45	1	..	11	..	28	..
1159	„ -	N. E. R. Literary Inst., West St.	Onions, T. - -	..	12	..	..	..	..	2	..
1117	„ -	Nat. Sch., Barn Close.	Onions, T. - Paxton, J. F. -	1	18	2	..	..	..	9	..
1100	„ -	Board Sch., Sunderland Road.	Whettem, S. W.	..	10	..	..	..	..	..	..
1180	„ -	Board Sch., Prior Street.	Onions, T. - -	..	16	5	..	..	..	..	..
1119	Hebburn -	St. Andrew's Mech. Inst.	Webster, W. M.	3	7	..	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
7	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	8 0 0
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..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	43	—	53 0 0
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	15 0 0
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	9 0 0
7	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	7	—	15 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	13 0 0
..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	5 0 0
11	..	..	..	..	..	..	2	..	..	..	..	..	..	..	5	7	—	25 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	12 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
4	4	..	..	..	3	..	4	..	..	4	..	..	..	3	..	4	—	33 0 0
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..	..	..	..	..	1	..	1	..	..	5	..	..	..	..	..	..	—	9 0 0
11	10	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	—	61 0 0
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
20	7	5½	..	..	5	..	..	..	..	..	.	..	..	..	..	..	—	37 10 0
..	..	..	..	..	2	..	3	..	..	1	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	29	29	..	—	143 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	—	20 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	—	38 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	21 0 0
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ppendix B.

AYMENTS TO SCIENCE EACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	DURHAM—*cont.*			£	£	£	£	£	£	£	£
1170	Heworth -	High Heworth Nat. Sch., Heworth Colliery.	Loudon, R. -	..	..	..	..	..	..	..	..
1160	Houghton-le-Spring	Nat. Sch., Hopper St., New Bottle Lane.	Hunter, F. W. -	..	..	..	..	..	..	..	6
1120	Jarrow-on-Tyne.	Mech. Inst., Ellison Street.	Grice, J. - - Martin, W. - Martyn, W. - Kiddie, T. - Zimmerman, R.	..	10	..	..	25	..	..	..
1162	Newbottle -	Bd. Sch. - -	Hunter, F. W. -	..	..	..	..	..	6	..	..
1185	Pelton Fell -	Colliery School, Chapel Row.	Tate, Wm. - -	..	..	..	..	..	..	7	..
1193	Ryhope Colliery.	Reading Room, Ryhope Street.	Tate, W. - - Gamon, J. -	..	3	..	..	..	..	3	..
1181	Seaham, New	Londonderry Schs., Vane Terrace.	Tate, W. - -	..	..	..	..	..	..	10	..
1145	Silksworth -	New Tunstall Sch.	Tate, W. - - Nichol, W. -	..	6	..	..	..	..	3	..
1134	South Church (near Bishop Auckland).	British Sch. - -	Forsyth, F. F. - Candler, T. E. -	..	..	..	..	..	..	..	..
1124	South Shields	Pub. Lib., Ocean Road.	Larkin, J. J. - Hanson, J. W.	..	11	14	..	..	..	2	..
1125	„ -	Bd. Sch., Ocean Road.	Ashworth, J. -	..	..	..	..	5	..	..	..
1126	„ -	Jarrow Chem. Co.'s Sch., The Barnes.	Nicolson, E. C. Johnson, J. -	..	..	..	..	20	..	..	..
1129	„ -	Union Brit. Sch., Garden Lane, Waterloo Vale.	Thomas, W. - Brewer, W. T. -	..	..	..	..	3	..	..	..
1129A	„ -	Industrial Training Ship "Wellesley."	Deverell, G. S. -	..	..	..	..	..	..	..	..
1195	„ -	Sch. of Sci. and Art, The Acad., Smithy St.	Smith, J. - -	..	4	..	..	..	..	..	..
1184	Southwick -	Board Sch., Fulwell Road.	Gamon, J. -	..	2	..	..	..	..	..	..
1176	Spennymoor -	Tudhoe Unit. Dist. Bd. Sch., Mount Pleasant.	Meaden, H. P. -	..	..	..	..	..	..	..	..
1130*	Stanhope -	Dr. Hartwell's Sch., Front St.	Mason, J. A. -	..	..	..	..	..	..	..	..
1130	„ -	Dr. Hartwell's Sch., Front St.	Mason, J. A. -	..	..	..	..	5	..	..	..
1136	Sunderland -	Bishop Wearmouth Nat. Sch., Rectory Park.	Card, T. G. - Card, G. W. -	..	..	..	..	5	..	11	..
1139	„ -	Monkwearmouth Workmen's Hall.	Harrison, A. - Craighead, J. - Coates, J. -	..	12	..	..	8	..	..	..
1141	„ -	School of Sci. and Art, Hall School, Toward Road (Science only).	Way, W. C. - Stubbs, J. W. -	9	2	3	..	..	..	..	..
1144	„ -	Church Inst., Burlington Road, Hendon.	Metcalfe, C. S. Milburn, W. - Metcalfe, M. -	1	29	5	..	..	..	10	..
1143	„ -	Young Men's Chris. Assoc., 30, John Street.	Carr, Geo. M. -	..	..	..	..	..	..	..	..
1168	„ -	Co-operative Store Rm., Green St.	Milburn, W. - Tate, Wm. - Metcalfe, C. S.	2	3	6	..	..	..	8	..
1169	„ -	Diamond Hall Bd. Sch., Franklin St., Hylton Road.	Smith, J. - -	..	2	..	..	..	..	..	..
1182	„ -	Hendon Bd. Sch., Herrington St.	Brown, G. - -	..	..	..	..	..	..	..	..

* For Session 1880-81.

Examinations in Science—*cont.*

IX.	X.	X.P.	XI.	XI.P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
5	..	..	..	..	..	..	..	..	..	7	..	..	..	..	8	..	—	20 0 0
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9	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	—	28 0 0
..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	—	11 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	—	30 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	—	11 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	20 0 0
..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	3	..	2	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	12	..	..	..	..	..	..	7	..	5	10	..	—	50 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	20 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	..	..	—	58 0 0
9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	—	29 0 0
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8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	DURHAM—*cont.*			£	£	£	£	£	£	£	£
1188	Sunderland	Monkwearmouth, Thomas Street, Bd. Sch.	Smith, J.	4	2	..	..	..	..	..	..
1196	„	The Grange Sch., Stockton Road.	Ranken, C.	..	..	..	..	..	..	..	..
1142	„	Wes. Sch., Robinson St.	Sewell, J.	..	..	..	..	12	..	..	..
1198	Wearhead	Board Sch.	Coulthard, J.	..	..	..	..	..	..	..	..
1192	West Hartlepool.	St. Joseph's Sch., Whitby Street.	Lynch, C. E.	..	..	..	..	..	..	..	..
1194	Wheatley Hill	Board Sch.	Elwen, T. L.	..	..	..	..	..	..	..	..
1175	Winlaton	Board Schs.	Adamson, R. Douglass, T.	..	2	..	..	3	..	..	..
	ESSEX.										
1206	Colchester	Lit. Inst., St. John Street.	Baskett, G. W. Williams, R. E. Harris, Isaac Hocking E. C.	..	3	1	..	1	..	..	3
1239	Earls Colne	Lit. Inst., High Street.	Hocking, E. C.	..	2	..	..	..	..	..	..
1230	Manningtree	Town Hall, South Street.	Stone, J.	..	..	..	..	..	..	..	..
1242	Silvertown	Drill Hall, Constance St.	Beaman, J. M.	3	1	..	..	..	..	..	..
1212	Stratford	Great Eastern Ry. Mech. Inst., Alma Street.	Topple, C. J. Outon, C. B. Fell, J. C.	10	20	..	..	6	..	17	..
1241	Waltham Abbey.	Girls' Class Rm.	Middleditch, G.	..	..	..	..	..	..	..	..
1222	Wanstead	Infant Orphan Asylum.	Jennings, J.	..	..	..	..	11	..	..	..
	GLOUCESTERSHIRE.										
1318	Brimscombe	Assembly Rooms	Smith, P. L.	..	..	..	..	..	..	..	..
1307	Bristol	Trade and Mining Sch., Nelson St.	James, J. W. Coomber, T. Welsh, J. Munro, J. Cook, E. H.	37	21	19	..	33	17	19	28
1308	„	Wes. Sch., North Street.	Hill, H. G.	..	..	..	..	..	..	..	..
1311	„	Portland Day Sch., Portland St., Kingsdown.	Hopkins, H. J.	..	..	..	..	..	..	..	..
1319	„	Redcliffe Collegiate Sch., 5, Guinea St.	Oun, W. T.	..	..	..	..	..	..	..	..
1310	„	Sch. of Sci. and Art, Queen's Rd.	Smith, J. N. Trew, A. R. F.	..	..	10	..	..	..	..	..
1322	Cheltenham	Parish Ch. Boys' Sch., Devonshire Street.	Embrey, G. Wheeler, F. F.	..	..	..	..	..	..	..	..
1325	„	Christ Church Nat. Sch., Lansdowne.	Biffen, H. J.	..	..	..	..	3	..	..	..
1333	„	Sherborne Villa, Sherborne Place.	Matthews, H.	..	..	..	..	..	..	..	..
1326	„	Sch. of Sci. and Art, Clarence Par.	Millard, C. S.	..	..	5	..	..	..	..	..
1340	Gloucester	Sch. of Sci. and Art, Brunswick Road.	Embrey, G. Kemp, J.	4	4	12	..	..	..	..	..
1359	Painswick	The Inst. New St.	Smith, P. L.	..	..	..	..	..	..	..	..
1361	Stroud	Ebley Court, High Street.	Smith, P. L.	..	..	..	..	..	..	..	..
1352	„	Stratford Abbey	Smith, P. L.	..	..	..	..	..	..	..	..
1366	„	Lansdown Hall, Lansdown.	Smith, P. L.	..	..	..	..	..	..	..	..
1355	Westbury-on-Severn.	Nat. Sch.	Turner, W. A.	..	..	..	..	..	..	..	..

itions in Science—*cont.*

X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	12 0 0
..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	18 0 0
..	..	..	..	..	..	..	..	7	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	3	..	..	..	..	..	..	..	..	17	—	25 0 0
..	..	..	..	..	8	..	..	..	..	..	..	2	8	..	—	29 0 0
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	—	3 0 0
..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	—	92 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
77½	16	13½	..	..	..	7	..	4	..	..	..	7	..	..	28 0 0	453 0 0
..	..	..	..	..	10	..	10	..	..	..	..	..	8	..	—	28 0 0
..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	11	..	7	..	..	..	..	..	..	..	8	14	—	55 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	—	14 0 0
13½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	25 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
21	..	..	3	..	7	..	..	..	6	..	..	..	14	3	—	115 0 0
..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	—	25 0 0
..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	4 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	HAMPSHIRE.			£	£	£	£	£	£	£	£
1428	Aldershot	West End Bd. Sch., Queen's Road.	Farnfield, S.	..	..	..	..	..	..	..	..
1406	Forton	Royal Marine Barracks Sch.	Downing, R. W.	..	..	..	..	4	..	..	..
1409	Gosport	Sch. of Science and Art, Market Ho., High Street.	Gayne, A. J.	..	..	..	..	16	..	..	..
1437	Kingsley	Ockham Middle Class Sch.	Rowston, R.	..	..	..	..	..	..	..	..
1412	Portsmouth	Sch. of Science and Art, Pembroke Road.	Sharp, C. Beaton, W. Carter, J. Smart, H. Lewis, J. T.	7	6	9	13	8	..	..	5
1416	Shirley	Nat. Sch., New Rd.	Rolfe, W.	..	..	..	..	..	..	..	3
1424	„	Alexandra College, Shirley Park.	Rolfe, W.	..	..	..	..	..	..	..	4
1419	Southampton	Taunton's Sch., New Road.	Corbin, P. G. Rogers, W. H.	..	1	..	..	4	..	..	11
1417	„	Sch. of Sci. & Art, Hartley Inst., High St.	Shore, T. W. Jeffares, J. Brierley, J. Langman, A. W. F.	16	30	10	..	8	3	14	2
	HEREFORDSHIRE.										
1505	Hereford	St. Peter's Par. Sch., Union St.	Lawrence, W. T.	..	..	..	..	..	..	..	..
1507	Kington	Board Sch., Gravel Hill.	Billiald, R. A.	..	..	..	..	..	..	..	..
1508	Leominster	Lit. Inst., Church Street.	Lees, C. Norris, B.	..	4	..	..	..	..	..	..
1502	Lyonshall (near Kington).	The School	Nixon, T.	..	..	..	..	..	..	..	..
	HERTS.										
1603	Barnet (High)	Queen Elizabeth's Sch., Wood Street.	Hodson, E. R. Davies, S. W.	..	..	..	..	13	..	..	..
1616	Hitchin	Mech. Inst., Brand Street.	Foster, F. Ewen, H.	..	..	13	..	..	..	..	..
1609	St. Albans	Sch. of Sci. and Art, Town Hall.	Barnes, H. J.	..	..	..	..	..	..	..	..
1612	Watford	London Orphan Asylum.	Russell, H. W. Reading, J. Hutchings, H. A. Fairman, J. B.	..	..	..	..	15	14	..	..
1613	„	Sch. of Sci. & Art, Public Library.	Edwards, C. W. Odell, J. W.	..	..	..	..	..	..	..	..
	HUNTS.										
1702	Huntingdon	Walden's Sch., High Street.	Pascoe, J.	..	..	6	..	..	..	..	..
1711	St. Ive's	Infants' Sch., Bull Lane.	Norris, H. E.	..	..	..	..	..	..	..	..
1715	„	Infants' Sch., Rawney Road.	Goldie, Rev. C. D.	..	..	..	..	..	..	..	..
	KENT.										
1801	Ashford	Brit. Sch., West St.	Jarvis, W.	..	..	..	..	..	..	..	..
1946	Beckenham, New.	Albemarle Coll., Alexandra Dist.	Goodman, W. Busbridge, J.	3	2	4	..	..	..	..	..
1805	Bromley	Sch. of Sci. and Art, Tweedy Road.	Harris, T. F. Randall, J.	..	..	4	..	..	..	..	..
1814	Chatham	St. Mark's Sch., Skinner Street, New Brompton.	Betts, E. W. Shelton, J.	2	6	2	..	6	..	..	..
1815	„	St. Mary's Nat. Sch., Military Rd.	Betts, E. W.	2	3	2	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ *s.* *d.*	£ *s.* *d.*
..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	17	—	28 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	17	14	..	5	..	—	52 0 0
..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	—	15 0 0
10	..	..	..	..	..	..	10	..	..	..	..	..	..	..	7	..	—	75 0 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	13 0 0
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	25 0 0
17	16	22½	..	..	..	..	5	..	..	..	..	..	..	..	2	..	—	78 10 0
10	5	15½	2	3	4	..	3	..	..	..	..	..	..	5	4	..	—	152 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	—	16 0 0
..	..	..	..	..	..	..	6	2	..	..	..	..	..	..	..	..	—	8 0 0
..	6	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	4 0 0
..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	23 0 0
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	—	26 0 0
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	77 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	—	3 0 0
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	20 0 0
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	22 0 0
..	..	7	3	..	..	..	7	..	..	..	..	..	..	..	..	..	—	21 0 0
..	..	..	..	..	6	..	..	5	..	..	..	..	..	..	..	18	—	45 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	KENT—*cont.*			£	£	£	£	£	£	£	£
1812	Chatham	Claremont Acad., Garden St., Old Brompton.	Hepworth, J. W. Lines, R.	..	..	..	..	..	1	..	..
1813	„	Boys' Sch., James Street.	Phayer, R. P. O'Donoghue, D.	1	..	..	10	..	..	..	..
1944	Dartford	Board Sch., St. Alban's Road.	Cowens, W. E. Goble, P.	..	1	..	..	..	..	..	..
1830	Deptford	Board Sch., Stanley Street.	Ellercamp, H. G. Pope, W. J. Bull, J. H.	9	4	15	..	..	..	..	..
1835	„	St. Nicholas Nat. and Benevolent Sch., Wellington Street.	Watley, F.	3	4	..	..	..	..	..	..
1934	Doddington	Gloucester House	Rudd, W. A.	..	..	..	..	..	..	..	..
1842	Dover	Sch. of Sci. and Art, Northampton Street.	East, W. H. Howells, J. W.	..	..	10	..	..	..	..	..
1851A	Erith	Dining Hall, Wheatley Terrace Road.	Clark, W.	7	13	..	..	..	..	..	..
1853	Faversham	Inst., East Street	Batterbee, N. S. White, C. W. Paul, L. W.	..	2	..	..	..	..	..	8
1854	Folkestone	Town Museum	Ullyett, H.	..	..	..	..	..	..	..	..
1855	Gravesend	Milton Mount Coll.	Gwinnell, W. F. Walton, E.	..	..	..	..	5	11	..	18
1937	„	Brit. Sch., Kempthorne Street.	Maggs, F.	..	..	..	..	..	..	..	..
1850A	Greenwich	Bd. Sch., Blackheath Road.	Ede, G.	..	..	..	..	..	..	..	..
1861	„	Oxford House Sch., Greenwich Road.	Yeates, H. R. Perry, J. H.	3	4	..	..	..	..	7	..
1863	„	Lecture Hall, Royal Hill.	Quick, J. Parry, P. Sutton, A. Brockwell, F.	3	6	2	.	1	..	7	7
1864	„	Roan Boys' Sch., East Street.	Barber, W. H.	..	..	..	..	28	..	..	..
1862	„ (East)	Ch. Ch. Nat. Sch., Church Street.	Tutt, J. W. Perry, J. H.	4	9	..	..	13	..	15	..
1871	Lewisham	Cong. Sch., Porson Street.	Rudd, T. Bell, T. J. Pope, W. J.	..	..	..	..	28	..	..	..
1873	Maidstone	Middle Class Boys' Sch., Station Rd.	Thornhill, J.	..	..	..	..	2	..	..	..
1873A	„	Coffee Palace, Week Street.	Burrows, J. H.	..	..	..	..	..	..	..	..
1880	New Cross	Board Sch., Clifton Road.	Wren, J. W.	..	..	..	..	..	..	..	..
1883	Plumstead	Board Sch., Burrage Grove.	Webb, G. Bull, J. H. Moore, A. E.	..	..	..	..	9	..	..	..
1885	„	Wes. Day Sch., Plumstead Common Road.	Barber, W. H.	..	..	..	..	1	..	..	..
1839	Ramsgate	St. George's Commercial Sch., Church Road.	Roe, J.	..	..	..	..	5	..	..	..
1890	Rochester	Board Sch., King Street.	Betts, E. W. Marsh, W. H.	..	1	..	..	7	..	..	..
1940	„	Sir J. Williamson's Math. Sch., High Street.	Bird, C. Ternouth, R.	..	..	..	..	..	..	..	..
1919	Sheerness	Nat. Sch., Trinity Place, Bank Town.	O'Donoghue, D. Phayer, R. P.	9	5	..	8	..	..	..	..
1903	„	Lecture Room, Fontblanque Rd.	Pearson, T. Morgan, C.	..	..	..	..	..	..	..	10
1935	Sittingbourne	St. Michael's Nat. Sch., The Butts.	White, C. W.	..	..	..	..	..	..	..	..

minations in Science—*cont.*

X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
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3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	—	26 0 0
10	..	..	..	..	..	6	13	..	..	..	..	..	..	..	..	—	54 0 0
14	8	..	..	14	..	21	2	..	..	..	..	..	..	..	..	—	93 0 0
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..	..	..	..	..	..	2	..	..	..	..	..	..	5	..	9	—	30 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	28 0 0
..	..	..	..	22	..	21	13	..	..	..	..	..	13	36	41	—	187 0 0
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..	..	..	..	..	..	24	..	..	..	..	..	..	..	..	..	—	24 0 0
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..	..	..	..	..	..	4	11	..	..	..	..	..	..	10	54	—	95 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
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..	..	..	..	..	..	..	4	..	..	..	..	..	..	8	6	—	26 0 0
26	..	..	..	..	..	..	..	..	..	..	4	..	..	35	..	—	65 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	22 0 0
..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	29 0 0
..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	12	—	19 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	KENT—*cont.*			£	£	£	£	£	£	£	£
1950	Snodland	Brit. Sch., Holboro' Road.	Bush, A. E.	..	..	..	..	..	..	..	..
1896	Southborough	Mech. Inst., Mission Room.	Bisacre, G.	..	..	..	..	..	..	..	..
1922	Strood	Board School	Burr, C. Lash, R. Hepworth, J. Betts, E. W.	1	2	4	..	..	..	3	1
1899	Sydenham	Holy Trinity Boys' Sch., Dartmouth Road.	Thomas, T.	..	..	..	..	..	..	..	..
1901	„	St. Michael's Boys' Sch., Bell Green, Lower Sydenham	Steedman, H.	..	..	..	..	..	..	..	..
1905	Tonbridge	Town Hall	Lane, T.	..	..	..	..	..	..	..	..
1908	Tunbridge Wells.	Belgrave Mech. Inst.	Oaten, S.	..	..	..	..	..	..	..	..
1913	Woolwich	Presbyterian Sch., New Road.	Quick, J.	..	..	..	..	..	..	..	..
1914	„	St. John's Nat. Sch., Wellington Street.	Charlesworth, W. Anderson, A. R. Banister, G. H.	11	25	13	..	..	..	6	12
1915	„	Royal Arsenal, Mech. Inst.	Topple, C. J. Busbridge, W. Quick, J. Bull, W. J. Farlie, J. B.	17	22	24	..	9	..	9	11
	LANCASHIRE.										
2001	Accrington	Co-operative Hall, Oak Street.	Jeffery, T.	4	9	1	..	..	..	..	..
2009	„	Mech. Inst., St. James Street.	Cormack, H. H. Whittaker, C. J. Barnes, J. Whittam, W. G. Heald, J. T. Walls, I. T.	5	11	..	..	9	1	8	9
2020	Ashton-under-Lyne.	Brit. Sch., Trafalgar Square.	Stringer, E.	..	8	..	..	..	..	..	..
2021	„	Albion Sch., Katherine Street.	Park, J. Napper, E. Quinn, E. P. Atkinson, J.	2	2	..	..	11	..	..	6
2022	„	Mech. Inst., Church Street.	Walker, D. Kershaw, T. Whitehead, R. Hannan, W. I.	1	3	2	..	3	3	..	..
2023	„	Dukinfield Library and Astley Inst.	Stott, H. Stott, J O'Brien, C. Robinson, E. Whitehead, R. Hurst, G. A. Walker, D.	6	16	6	..	6	..	5	2
2035	Bacup	Mech. Inst.	Stewart, R. Horsfall, J. Crossley, A. Law, R. Heyworth, J.	..	3	2	..	6	..	9	7
2041	Barrow-in-Furness.	Sch. of Sci. and Art, Wkg. Men's Club and Inst.	Pratt, R. Chambers, C. P.	9	33	5	..	..	..	..	..
2044		Higher Grade Sch., Abbey Road.	Spencer, R. Mullett, W.	..	..	..	..	3	..	..	..
2051	Blackburn	Sci. and Art Sch., Paradise Lane.	Lewis, C. Whewell, M. Wolstenholme, J. Isherwood, T.	6	4	7	..	..	7	..	8

minations in Science—*cont.*

X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
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..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	10	—	18 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	18 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	—	82 0 0
33	35	10	8½	..	..	..	..	..	..	9	..	..	10	..	..	—	216 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
22	33	7	4½	..	..	9	..	..	..	..	..	..	4	13	..	—	150 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	—	11 0 0
6	10½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	40 10 0
16	21	..	..	..	..	..	8	..	..	..	..	..	..	..	..	—	69 0 0
6	1	..	..	..	..	5	..	..	..	..	..	..	4	..	..	—	61 0 0
12	..	..	..	1	..	..	..	..	..	..	..	..	..	6	..	—	70 0 0
..	..	..	..	..	..					..	..	..	..	..	..	—	47 0 0
7	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	—	24 0 0
9	..	..	..	..	..	7	4	..	..	..	..	..	7	..	15	—	92 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	LANCASHIRE—*cont.*			£	£	£	£	£	£	£	£
2052	Blackburn -	St. George's Sch., New Park Street.	Isherwood, T. - Parker, W. H. -	..	..	..	..	3	..	..	..
2075	Bolton -	Sch. of Sci. and Art, Church Inst., Silverwell Street.	Cundey, J. W. Whiteside, J. L. Moss, W. - Stott, H. - Stott, J. - Berry, J. - Wells, S. B. - Worrall, W. -	16	53	16	..	24	9	40	3
2076	„ -	Mech. Inst., Mawdsley Street.	Mather, J. H. Mather, W. B.								
2087	„ -	Co-op. Hall, Bridge Street.	Wilkinson, F.								
2568	„ -	Board Sch., St. George's Road.	Whittaker, J. B. - Brookes, J. - Fletcher, J. -	7	13	9	..	15	6	5	9
2078	„ -	Par. Church Sch., Church gate.	Berry, J. - -	..	38	..	..	..	..	..	..
2091	„ -	Cong. Sch., Derby Street.	Morris, J. - Waite, J. A. -	..	6	..	..	..	..	..	..
2092	„ -	High Sch., Devonport Street.	Taylor, E. - Thomson, A. - Crowther, W. E. - - - Mason, W. T. - Barnes, J. -	..	1	..	..	8	..	..	..
2099	Bradshaw -	Church Sch. -	Stott, J. - -	2	5	6	..	..	..	..	..
2100	Brierfield -	Congl. Sch., Colne Road.	Johnstone, R. B. - - -	..	..	..	..	1	..	..	..
2101	Burnley- -	Carlton Road Sch.	Midgley, T. - Marle, R. -	..	..	..	..	9	..	..	12
2102	„ - -	Ch. of Eng. Lit. Inst.	Rushworth, W. H. - Wigg, W. - Pearson, J. T. - Sharrocks, J. -	..	4	2	..	..	..	..	..
2103	„ - -	Gram. Sch., North Parade.	Monckman, J. -	..	..	..	..	..	..	..	..
2104	„ - -	Sch. of Sci. and Art, Mech. Inst., York Street.	Cannell, J. - Smith, J. T. - Thompson, J. - Holden, G. - Holgate, T. - Thornber, S. - Kay, J. - Jones, E. - Monckman, J. -	7	8	15	..	4	4	2	12
2105	„ - -	Fulledge Wes. Sch.	Jones, E. - Hargreaves, J. A. - -	..	..	..	..	5	..	..	..
2116	Bury - -	Athenæum, Market Street.	Duerr, G. - Swithenbank, E. - Graham, T. - Jackson, R. -	..	6	2	..	2	..	2	..
2119	„ - -	Co-operative Soc., 21, Market Street.	Dixon, W. -	..	..	..	..	..	..	..	8
2119A	„ - -	Co-operative Soc.	Cussons, G. Crawshaw, F.	5	13	4	..	..	..	3	..
2122	„ - -	Gram. Sch., The Wylde.	Howlett, W. H. Lister, A. S. - Dixon, W. - Macmahon, J. -	..	..	..	..	..	..	..	6
2123	„ - -	Wesleyan Sch., Pits-o'th' Moor.	Leather, P. -	..	..	..	..	..	..	..	2
2124	„ - -	New Road Board Sch., Clough St.	Timpany, J. F. -	..	..	..	..	1	..	..	..
2126	Chorley - -	St. George's Nat. Sch., Market St.	Ellis, R. H. - Armstrong, J. -	..	..	..	..	5	..	..	..

Examinations in Science—*cont.*

IX.	X.	X.P.	XI.	XI.P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ *s.* *d.*	£ *s.* *d.*
..	8	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	—	14 0 0
13	18	20½	2	1½	..	..	3	..	..	3	..	..	..	3	4	..	—	229 0 0
41	18	17	..	..	..	..	12	..	..	..	..	..	..	5	30	..	—	187 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	38 0 0
..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	13 0 0
..	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
32	..	..	..	..	..	..	20	..	..	..	..	..	..	..	..	..	—	73 0 0
..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	11 0 0
5	3	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	—	11 0 0
32	14	20	..	..	9	..	14	..	..	..	..	..	..	3	18	6	—	168 0 0
8	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	20 0 0
2	3		..	..	..	..	..	..	..	..	..	..	..	2	5	5	—	33 0 0
14	7	12	4	4	..	..	13	..	..		..	..	..	..	..	12	—	74 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	..	—	30 0 0
..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	7	..	—	18 0 0
..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
12	13	..	..	..	..	..	5	..	..	..	..	..	..	..	3	..	—	38 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	LANCASHIRE—*cont.*			£	£	£	£	£	£	£	£
2138	Colne	Gram. Sch., Church Street.	Halfhead, T. W. Riding, W. H.	..	..	..	..	..	..	..	3
2139	„	Bethel Sch., Primet Bridge.	Riding, W. H.	..	..	..	..	..	..	..	3
2504	„	Wes. Day Sch., George Street.	Rothwell, W. Barritt, I.	..	5	..	..	2	..	..	..
2133	„	Providence Sch. Rooms, Waterside.	Riding, W. H.	..	..	..	..	..	..	..	2
2140	Cornholme	Brit. Sch.	Newell, A. Crossley, R.	..	..	..	..	..	..	..	..
2142	Crawshaw Booth.	Lit. and Mech. Inst.	Hacking, W. E. Ashworth, W.	..	6	..	..	..	..	..	..
2141	„	Bapt. Sch., Goodshaw.	Scarr, W. H.	..	..	..	..	..	..	..	..
2562	Darcey Lever	Wes. Sch., Derby Place.	Booth, A. A.	..	..	..	..	..	..	..	..
2145	Darwen (Over)	Co-operative Hall Sch., School St.	Jeffery, T.	2	..	..	..	..	..	..	..
2152	Droylsden	Educ. Inst., Market Street.	Newton, W. Dawson, G.	4	5	1	..	1	..	..	..
2154	Earlestown	L. & N. W. Railway Inst., Viaduct Street.	Duckworth, T. Craston, F. R. Cussons, G.	1	2	3	..	1	..	..	..
2155	Eccles	Gram. Sch., Wellington Road.	Walmsley, J. Glassford, W. O.	..	..	..	..	6	3	..	..
2561	„	Monton Day and Sunday Schs., Monton Green.	Stott, J.	10	8	7	..	4	..	..	..
2157	Edenfield	Wes. School Room	Halliwell, J. Stocks, J. M.	..	..	8	..	..	..	..	..
2565	Farnworth	Parish Schools, Church Road.	Stott, J. Frow, A. Stott, H.	5	18	4	..	..	..	..	..
2550	Fallowfield, near Manchester.	Brook Road Sch.	Oswald, J. Brown, R. J. Crowther, W. E.	..	1	..	..	3	..	..	..
2564	Fleetwood	Bd. Sch., East St.	Mahir, T.	3	..	2	..	..	..	..	..
2551	Foulridge	Wes. School Room	Halfhead, T. W.	..	..	..	..	..	..	..	..
2553	Garstang	St. Thomas' School Room.	Hope, C. F.	..	..	..	..	..	..	..	..
2583	„	St. Michaels-on-Wyre Nat. Sch.	Hope, C. F.	..	..	..	..	..	..	..	..
2167	Garston	Gram. Sch.*	—	..	..	..	..	..	..	..	..
2172	Haslingden	Mech. Inst., Dearden Gate.	Heap, L. Jones, W. E.	..	10	..	..	..	..	..	..
2173	„	Commercial Sch., Well St.	Jeffery, T.	4	..	..	..	..	..	..	..
2178	Heywood	Co-operative Soc., Rooms, Bamford Road.	Bennett, W. Duerr, G. Scott, J. L. Cordall, E.	5	4	3	..	5	..	..	2
2525	Hornby	Nat. Sch.	Walker, J. C.	..	..	3	..	..	..	..	..
2554	Kirkham	Wesham Lecture Room.	Hope, C. F.	..	..	..	..	..	..	..	..
2190	Lancaster	Sch. of Sci. and Art, Mech. Inst., Market Street.	Gilbert H.	..	..	2	..	..	..	..	..
2191†	„	Boys' Nat. Sch., St. Leonard's Gate.	Greenhow, A. Lacey, J. T.	..	2	..	..	..	..	..	..
2196	Leigh	Wes. Sch., Old Chapel St., Bedford.	Avery, J. F.	..	..	..	..	..	..	..	4
2203	Littleborough	Ch. of Eng. New Sch., Victoria St.	Greaves, J. E. E.	2	1	1	..	..	..	..	..
2563	Little Lever	Wes. Sch., Mytham Road.	Ingham, I.	..	..	..	..	2	..	..	..
2244	Liverpool	Pupil Teachers' Coll., 6, Sandon Terrace.	Hewitt, W.	..	..	..	..	..	..	..	..

* Included in School No. 2208. † For Session 1880-81.

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
4	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	5	—	15 0 0
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	—	15 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	29 0 0
3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
14	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	45 0 0
..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	6	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—
4	6	2½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	22 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
3	2	..	..	..	..	..	4	..	..	..	..	..	..	..	3	..	—	31 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	7	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
9	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	16 0 0
..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	5 0 0

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	LANCASHIRE—*cont.*			£	£	£	£	£	£	£	£
2214A	Liverpool	Sch. Bd. Coll., 111-113, Shaw St.	Hewitt, W.	..	..	..	..	..	..	..	..
2240	„	Bd. Sch., Pleasant Street.	Jones, R. W. Hewitt, W.	..	..	..	..	16	..	..	29
2516	„	Convent of Notre Dame, Everton Valley.	Hawkins, H. Swarbrick, A.	..	..	..	..	..	..	..	..
2513	„	St. Edward's Coll., St. Domingo Rd., Everton.	Grieve, W. H.	..	..	..	..	6	16	..	..
2519	„	Yng. Men's Chris. Assoc., Mount Pleasant.	Sharpe, G. H. George, I. G. Edwards, H. L. Hawkes, S. Narramore, W.	..	..	..	..	3	..	..	..
2213	„	Liverpool Inst., Mount Street.	Owen, J. A. Ewart, E. B. Lewis, T. J. Froysell, J. Burton, J. Wertheimer, J. Flett, R. G. England, J. Chester, S. Lucas, A.	..	..	..	..	115	52	..	27
2218	„	R. C. Prac. Sch., Mount Pleasant.	Stanton, G.	..	..	..	..	..	..	..	..
2237	„	Bd. Sch., Upper Park St.	Lane, W. C. George, E. I. Scott, G. Roberts, W. F.	2	..	..	..	6	..	..	..
2216	„	Phila. Chambers, Hackin's Hey.	Tate, A. N. Fryer, H. Grieve, W. H. Edwards, H. L.	..	..	..	..	7	12	..	..
2217	„	Bd. Sch., Queen's Road.	George, I. E. Foyer, H. Edwards, H. L. Hawkes, S.	..	..	..	..	1	..	..	16
2234	„	Bd. Sch., Chatsworth Street.	Heap, J. F. G. Hughes, H. Fryer, H. Barker, C. H.	..	..	..	..	5	..	..	5
2510	„	St. Lawrence Sch., Croyland Road, Kirkdale.	Capner, A. J. J. Scott, G. Evans, F.	2	1	..	..	4	..	5	..
2208	„	Free Library and Museum.	Haddock, A. Mead, A. J.								
2211	„	Liverpool Coll., Shaw St.	Tate, G. Narramore, W.								
2212	„	Roy. Inst., 88, Seel Street.	Davies, E. Butler, W.								
2231	„	Bd. Sch., Stanley Street.	Finlay, A. Wright, J.	*13	40	57	..	56	23	62	37
2517	„	Brunswick Sch., Erskine Street.	Briant, A. J. Sloan, R. A.								
2243	„	The Royal Coll. of Chemistry, 96, Duke St.	Cooper, W. R. Abbott, J. Sharpe, G. H.								
2245	„	Bd. Sch., Granby Street.	Brennan, T. Cooper, C. F.								
2251	Manchester	Building Trades' Inst., St. John's Sch., Gartside St.	Parnell, W.	..	2	10	..	..	..	..	..
2255	„	St. Mark's Ch. Inst., River St., Hulme.	Woodhead, E. Norris, W. McCullagh, J.	..	2	..	..	1	..	..	3

* Includes Schools No. 428, 2167, and 2370.

Examination in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	45	..	..	..	..	..	..	..	..	..	—	45 0 0
29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	74 0 0
..	..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	22 0 0
..	9	..	..	..	4	..	17	5	..	..	..	..	..	..	..	..	—	38 0 0
42	64	57½	..	..	..	..	70	13	..	..	..	..	..	..	55	..	—	495 10 0
..	..	..	..	..	..	..	..	31	..	..	..	..	..	..	..	..	—	31 0 0
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	—	13 0 0
..	..	..	..	..	..	..	18	13	8	..	..	..	..	..	..	..	—	58 0 0
21	7	4½	..	..	11	..	17	..	..	..	..	..	..	..	13	..	—	90 10 0
9	22	32 15/16	2	..	..	..	..	..	..	..	..	..	..	..	10	..	—	85 6 6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	—	13 0 0
96	102	16½	..	..	5	9	14	..	..	..	11	..	..	67	..	7	—	615 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	12 0 0
..	7	29½	3	7	..	..	..	..	..	..	..	..	..	..	1	1	—	54 10 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	LANCASHIRE—*cont.*			£	£	£	£	£	£	£	£
2258	Manchester -	Sch. of Sci. and Art. Mech. Inst., Princess Street.	Hyde, H. -								
			Farrand, G. F.								
			Brewer, R. F. -								
			Barnes, J. -								
			Watts, W. A. -								
			Walker, D. -								
			Wilson, J. -								
			Threlfall, H. -	26	21	42	..	20	17	16	13
			Hilton, A. -								
			Jones, T. - -								
			Poole, J. - -								
			Pillow, E. - -								
			Ashton, F. -								
			Gee, W. H. -								
			Wyatt, L. -								
2259	„ -	St. Philip's Sch., Bradford Road, Ridgeway St.	Smith, J. H. -	..	..	..	..	..	..	..	..
			Elliott, T. -								
2265	„ -	St. Luke's Nat. Sch., Miles Plating.	Hobson, J. B. -	..	1	..	..	..	..	..	..
2266	„ -	St. Wilfred's R.C. School, Rutland Street.	Corrigan, T. -	..	..	..	..	..	..	..	10
2269	„ -	Comml. Sch., Stretford Road.	Winfield, B. -								
			Veysey, J. S. -								
			Jones, C. -	4	2	..	..	11	2	..	..
			Crowther, W. E.								
			Woodhead, E. -								
2280	„ -	Lower Mosley St., School.	McCullagh, J. -								
			Rothwell, R. R.								
			Holliday, J. W.								
			O'Brien, C. -	..	..	4	..	2	..	..	..
			Done, T. A. -								
			Hyde, H. -								
2290	„ -	Wes. Sch., Elm St., Oldham Road.	Allen, T. -	..	..	..	..	..	..	..	..
2527	„ -	St. Michael's Sch., Miller St.	Halling, J. A. -	..	..	..	..	2	..	..	1
			Ashcroft, J. B.								
2262	„ -	Sch. of Sci. and Art, Gram. Sch., Long Millgate.	Angell, J. -								
			Nesbitt, A. M. -								
			Chambers, J. -								
			Pritchard, Z. -	3	17	4	..	13	29	9	9
			Hill, J. H. -								
			Jones, F. - -								
			Start, T. W. K.								
2278	„ -	Sch. of Sci. and Art, Cavendish St., All Saint's.	Jackson, R. -	10	5	5	..	..	..	..	..
2531	„ -	St. Paul's Nat. School, Higher Temple Street, C. on M.	Threlfall, H. -	..	..	..	..	6	..	..	..
2271	„ -	Wes. School, Grosvenor Street, C. on M.	Thornton, J. -	..	..	..	..	..	..	..	..
2575	„ -	Secular Inst., 123, Grosvenor St., All Saints.	Harrup, C. -	..	..	..	..	..	..	..	..
			Harrup, G. T. -								
2264	„ -	Board Sch., Peter Street.	Scotson, J. -								
			Taylor, A. -								
			Woodhead, E. -								
			Quinn, E. P. -	3	4	1	..	114	7	7	108
			Taylor, R. L. -								
			Barnes, J. -								
			Kershaw, T. -								
2273	„ -	Board Sch., Mulberry St., Hulme.	Atkinson, J. W. -	..	..	..	..	4	..	..	1

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ d.
30	21	32½	4	..	7	5	6	6	..	..	18	..	..	28	12	4	—	328 10 0
..	5	..	..	..	..	..	5	..	..	..	..	..	..		..	4	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	—	1 0 0
13	..	..	..	..	..	..	..	..	..	..	..	..	..		6	9	—	38 0 0
13	11	..	..	..	..	..	4	..	..	..	..	..	..		6	..	—	53 0 0
8	4	4	..	..	..	..	4	3	..	..	..	..	..		..	..	—	29 0 0
..	..	..	..	..	..	..	5	..	..	..	..	..	..		..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	—	3 0 0
17	42	71½	3	10	..	..	5	..	..	..	..	2	..	4	3	..	—	241 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	—	20 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	11	—	17 0 0
..	20	..	..	..	..	..	7	..	..	..	..	..	..		..	..	—	27 0 0
..	..	..	..	..	..	..	8	..	2	..	..	..	..		..	..	—	10 0 0
163	167	171 $\frac{10}{20}$	17	4	..	..	61	4	..	..	..	..	..		..	4	—	835 4 4
..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	—	5 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
		LANCASHIRE—*cont.*		£	£	£	£	£	£	£	£
2277	Manchester	Board Sch., Vine Street.	Hutton, G. Bradley, J. Start, T. W. K. Kershaw, T.	9	7	10	..	6	..	..	11
2281	„	Board Sch., Abbott Street.	Bradley, J. Cussons, G.	3	3	3	..	7	..	..	5
2285	„	St. James' Board Sch. Major St.	Harrap, C. Quinn, E.	..	..	..	..	..	..	..	4
2286	„	Bd. Sch., Strangeways.	Quinn, E. P.	..	..	..	..	..	..	..	..
2287	„	Board Sch., Chester Street, Ardwick.	Rose, E.	..	..	..	..	5	..	..	..
2288	„	Board Sch., Armitage St., Hyde Road.	O'Brien, C.	4	1	2	..	..	..	..	..
2289	„	Bd. Sch., Every Street.	Powell, C. O'Brien, C.	1	3	1	..	..	..	..	17
2292	„	Board Sch., Grammar Sch., Long Millgate.	Angell, John	..	..	..	..	..	..	..	13
2295	„	Roby's Bd. Sch., Aytoun Street.	Taylor, R. L. Woodhead, E.	..	..	..	..	..	..	..	..
2299	„	Board Sch., Ducie Avenue.	Hutton, G. Bell, J. Hyde, H.	..	..	..	..	30	..	..	..
2576	„	St. Phillip's Sch., Wilmot Street, Hulme.	Robinson, J.	..	..	..	..	..	..	..	..
2300	„	Bd. Sch., Lloyd St.	Race, R. Barnes, J. Rogers, W.	1	..	2	..	..	..	..	9
2526	„	Bd. Sch., South Hall St.	Percy, T. Hyde, H. Barnes, J. Bennion, J. S.	..	..	4	..	5	..	..	..
2306	Mossley	Mech Inst., Stamford Road.	Tinker, H.	2	..	..	..	..	..	1	..
2309	Nelson-in-Marsden.	Wes. Sch. Carr Road.	Greenwood, J.	..	..	..	..	..	..	..	..
2310	„	Lomeshaye Schs.	Clement, J. M.	..	..	..	..	..	..	..	..
2314	„	Lib. Club Room, Manchester Rd.	Emmott, J.	..	..	..	..	..	..	..	9
2318	„	Salem Sch., Scotland Road.	Owen, B. Wilmore, A.	..	..	..	..	..	..	..	..
2315	Newton Heath	Brit. Sch., Droylesden Road.	Lakin, R.	..	..	..	..	5	..	..	..
2316	„	Library Room, Lancashire and Yorkshire Rail. Works, Thorp Road, off Oldham Road.	Morton, R.	6	7	4	..	..	..	..	..
2321	Oldham	Sci. and Art Sch., Union Street.	Phythian, J.P. Philip, J. Robertson, J. Armitage, J. Ashton, S. Barker, J. H.	40	76	20	..	27	13	14	4
2325	„	Werneth, M. I., Manchester St.	Taylor, W.	2	7	..	..	..	..	..	..
2329	„	Co-op. Soc. Board Sch., Smith St.	Garside, F. Hannen, W. I.	2	5	..	..	..	..	5	..
2328	„	Brit. Sch., Honeywell Lane.	Winterbottom, D.	..	..	..	..	2	..	..	..
2332	Openshaw	Mech. Inst., Pottery Lane.	Botheras, R.	4	6	..	..	..	..	..	..
2334	Ormskirk	Boys' Nat. Sch., Aughton St.	Hope, C. F.	..	..	..	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
10	..	..	..	..	..	..	2	..	..	..	..	..	..	4	3	..	—	62 0 0
12	..	..	..	..	..	..	2	..	..	..	..	..	..	..	3	..	—	38 0 0
6	..	..	..	..	..	..	3	3	4	..	..	..	..	..	4	..	—	24 0 0
4	2	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	10 0 0
20	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	29 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
22	..	..	..	..	..	..	23	..	..	..	..	..	..	..	..	..	—	77 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	19 0 0
..	6	24	..	..	..	..	..	..	..	..	..	..	..	..	2	10	—	42 0 0
43	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	113 0 0
..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	5 0 0
7	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	20 0 0
..	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
2	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	6 0 0
..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	18 0 0
5	..	..	..	..	5	..	..	..	..	..	..	..	..	..	2	..	—	12 0 0
..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	7	..	—	27 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	17 0 0
..	14	43	..	..	19	..	..	..	..	..	..	..	..	9	..	..	—	279 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	—	13 0 0
..	3	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	—	25 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	LANCASHIRE—*cont.*			£	£	£	£	£	£	£	£
2349	Padiham -	St. Matthew's Nat. Sch., Partridge Hill.	Coward, E. -	..	..	..	..	1	..	..	6
2357	Pendleton -	St. Paul's Bd. Sch., John Street.	O'Neill, M. -	..	..	..	..	8	..	..	6
			Grindle, T. -								
2359	„	St. Paul's Bd. Sch., Ellor St.	Morris, J. - -	17	18	..	..	..	..	..	..
2496	Platt Bridge -	St. Peter's Sch., Low Green.	Foster, W. -	..	3	..	..	..	..	..	..
2555	Poulton-le-Fylde.	Nat. Sch. - -	Hope, C. F. -	..	..	..	..	..	..	..	..
2368	Preston -	St. Paul's Nat. Sch.	Sutcliffe, G. -	18	20	10	..	7	..	12	..
			Pennington, J. de.								
			Pendlebury, R.								
2372	„ -	Pharmaceutical Soc. Rooms, 22, Guildhall Street.	Elliot, S. J. -	..	..	..	..	..	..	..	2
			Greenall, T. H.								
2373	„ -	School Room, 30, Winckley Sq.	Hope, C. F. -	..	..	..	..	..	..	..	..
2365	„ -	Sch. of Sci. and Art, Avenham Inst.	Gardner, J. -	..	3	12	..	16	..	8	36
			Southworth, J. E. - -								
			Sowerbutts, T. R. - -								
			Howarth, H. -								
			Price, J. B. -								
			Pye, F. - -								
2376	Radcliffe -	Co-operative Soc., Stand Lane, Radcliffe Bridge.	Cussons, G. -	4	5	1	..	..	..	2	..
2384	Ramsbottom -	Sci. and Art Sch., 56, Ramsbottom Street.	Dixon, W. -	..	4	1	..	1	..	..	..
			Stocks, J. M. -								
			Crawshaw, F. -								
			Jackson, R. -								
			Graham, T. -								
2396	Rochdale -	Board Sch., Baillie Street.	Greaves, J. E. E. - - -	3	1	5	..	..	..	..	..
			Glazier, R. -								
			Bennett, W. -								
2398	„ -	Equit. Pion. Rms., Oldham Road.	Greaves, J. E. E. - -	3	11	3	..	..	..	4	8
			Law, R. - -								
2399	„ -	Equit Pio. Rms., Assembly Rooms, Toad Lane.	Watts, W. A. -	..	..	..	..	9	..	..	..
			Pennington, W.								
			Wild, J. - -								
			Schuler, J. G. C. - - -								
2402	„ -	Wes. Day Sch., Union Street.	Sykes, T. P. -	..	..	..	..	13	..	..	..
2400	„ -	Paris Ch. School, Sparrow Hill.	Holt, H. - -	..	..	..	..	..	..	..	4
2416	St. Helen's -	St. Thomas' Sch., Peter Street.	Abbott, T. -	..	4	12	..	..	..	..	..
2415	„ -	Cowley's Brit. Sch., North Road.	Wardlow, W. -	..	..	..	..	5	..	..	13
2412	„ -	Commercial Sch., Hardshaw Street.	Lees, S. O. - -	..	6	..	..	..	..	..	..
2423	Salford - -	St. Peter's School (Boys'), Collier St., Greengate.	O'Neill, M. -	..	..	..	..	..	..	..	..
2425	„ - -	Queen's St. Inst.	Jones, T. - -	6	18	5	..	..	..	22	..
2426	„ - -	Wkg. Men's Coll., Gt. George St.	Hurst, G. H. -	8	5	11	..	..	..	..	..
			Atkinson, J. -								
2429	„ - -	Christ Church, Upper Sch., Hulme Street.	Roberts, J. -	..	..	..	..	1	..	..	..
2437	„ - -	Richmond Hill Bd. Sch., Broughton Road.	Halling, J. A. -	..	..	..	..	..	..	..	2

ations in Science—*cont.*

X. P.	XL.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	28 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	35 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	.	..	..	..	..	..	10	—	10 0 0
..	..	..	4	..	..	..	..	..	..	..	..	18	9	..	—	147 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	—	8 0 0
7	..	..	9	..	..	..	..	..	..	..	..	7	9	..	—	163 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	18 0 0
1	..	..	..	..	2	..	..	..	..	..	..	4	1	..	—	20 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	8	..	..	..	..	..	..	..	..	6	..	14	—	87 0 0
34	..	..	..	..	11	..	..	..	..	..	..	..	10	..	—	109 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	28 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		12 0 0
..	..	..	..	..	..	..	..	..	..	..	..	20	..	..		20 0 0
13	2	..	1	..	..	..	..	..	..	..	..	..	..	..		45 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		0 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
		LANCASHIRE—*cont.*		£	£	£	£	£	£	£	£
2438	Salford	Queen St., Inst.	Hilton, A. Alcock, W.	2	3	3	..	..	..	4	..
2431	„	Cath. Gram. Sch., 43, The Crescent.	Story, J. A.	..	..	..	..	..	..	..	4
2433	„	New Jerusalem Sch., Irwell St.	Kennerley, F. F.	..	..	..	..	..	..	..	..
2434	„	New Windsor Schs.	McKinless, T. Ashcroft, J. B.	..	..	..	..	1	..	..	..
2540	Shuttleworth (near Bury).	Baptist Sch. Rm., Bank Lane.	Stocks, J. M.	..	..	..	..	..	..	..	4
2441	Smallbridge	St. John's Nat. Sch., Halifax Rd.	Greaves, J. E. E.	1	..	..	..	..	..	..	..
2443	„	Congl. Sch., Halifax Road.	Law, R. Dean, J.	..	..	..	..	..	..	..	..
2444	Smithy Bridge	United Meth. Free Ch. Sch. Room.	Stenhouse, T.	..	..	..	..	..	..	..	..
2450	Stalybridge	Mech. Inst., High Street.	Kershaw, T. Hannan, W. I.	6	8	9	..	..	..	..	..
2456	Stretford	St. Matthew's Sch., Chapel Lane.	Woodhead, E.	..	..	..	..	..	..	..	..
2458	Todmorden	Roomfield Bd. Sch.	Law, R. Stenhouse, T. Crossley, A. Stott, W. Bates, T.	4	9	4	..	1	2	2	..
2463	„	Prim. Meth. Sunday Sch., Knowlwood.	Mills, J.	..	..	..	..	..	..	..	..
2464	Tottington (near Bury).	Wes. Sch.	Duerr, G.	..	..	..	..	..	..	..	..
2560	Trawden (near Colne).	Literary Inst.	Riding, W. H.	..	..	..	..	..	..	..	..
2567	Trawden (nr. (Colne).	Winewall Day Sch.	Barritt, I.	..	..	..	..	..	..	..	..
2582	Tyldesley	Mech. Inst., Stanley Street.	Greenhalgh, R.	9	9	..	..	..	..	..	..
2584	Ulverston	Drill Hall, Lightburn Avenue.	Pratt, R.	..	6	1	..	..	..	..	..
2466	Walsden	Wkg. Men's Club and Inst., Hollins Mount.	Stenhouse, T. Law, R. Stacey, G. F.	..	..	..	..	5	..	..	..
2471	Warrington	Sch. of Sci. and Art, Museum Bldgs.	McMahon, J.	..	..	13	..	..	..	..	..
2473	„	Arpley Station Sch., Bold Street.	Hill, J. H. Percy, C. M. Betley, R. Edwards, H. L.	..	..	..	..	3	..	..	..
2570*	Wavertree	Collegiate Sch., 2, Picton Street.	—	..	..	..	..	..	..	..	..
2478	West Houghton.	Congl. Sch., Leigh Road.	Hadfield, G. H.	..	..	..	..	..	..	..	..
2293	Whitefield	Brit. Sch., Park Lane.	Swithenbank, E.	..	..	..	..	..	..	..	..
2482	Whitworth	Wes. Schs., Market Street, Facit.	Greaves, J. E. E.	1	7	1	..	..	..	..	..
2484	Widnes	Alford Chambers, Alford Street.	Watts, W. A. MacMahon, J.	..	7	6	..	10	..	..	..
2486	Wigan	Mining and Mech. Sch., Hope Street.	Betley, R. Percy, C. M.	..	10	2	..	..	..	15	..
2501	Worsley	Girls' Nat. Sch.	Pritchard, Z.	..	2	..	..	..	..	..	..
		LEICESTERSHIRE.									
2604	Hinckley	Ch. Sch., Station Road.	Foreman, G.	..	..	..	..	..	..	..	..
2605	„	Gram. Sch.	Simpson, E. J.	..	..	..	..	..	3	..	..
2608	Leicester	St. Martin's Sch., Friar Lane.	Atkins, E. Cowdell, W. M.	..	..	9	..	11	13	..	..
2611	„	Trinity Ch. Sch., Regent Street.	Amos, E.	..	..	..	..	..	..	..	..

* Included in School No. 2208.

ations in Science—*cont.*

X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	12 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	11	..	—	64 0 0
..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	—	4 0 0
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	24 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	4	..	..	..	..	..	..	..	..	..	5	7	—	19 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	17 0 0
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	—	24 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	—	2 0 0
..	8	..	4	..	7	..	..	..	..	..	..	..	4	11	—	67 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	18 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	5	..	..	..	..	..	..	..	..	..	6	..	—	33 0 0
..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	—	13 0 0
18	..	..	..	..	..	..	..	..	..	..	..	15	..	..	—	47 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—
..	..	..	..	..	2	..	..	..	..	..	..	..	5	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	59 0 0
..	..	..	..	..	..	..	..	36	..	..	..	34	..	..	—	150 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	4	14	—	21 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	33 0 0
..	..	..	..	..	7	5	..	..	..	..	..	..	14	17	—	54 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	LEICESTERSHIRE—*cont.*			£	£	£	£	£	£	£	£
2618	Leicester -	Sch. of Sci. and Art, Wyggeston's Hospital Boys' Sch., High Cross Street.	Atkins, E. - Mann, W. P. - Poyser, A. W. - Barker, A. - Thirlby, T. H.	..	9	6	..	1	12	..	110
2620	„ -	Wyggeston's Hospital Girls' Sch., Humberstone Gate.	Butler, M. A. E. Appel, E. L. C.	..	..	..	..	..	..	..	..
2647	„ -	Board Sch., Oxford Street.	Watkins, A. - Eyre, S. -	..	..	..	..	..	..	..	..
2622	„ -	Domestic Mission, Gt. Meeting Sch., East Bond Street.	Russell, E. T. -	..	..	..	..	..	..	..	..
2626	„ -	St. Mary's Par. Sch. (Boys'), Castle Street.	Boughton, T. -	1	..	..	..	..	..	..	..
2627	„ -	Sci. Assem. Rms., 18, Gallowtree Gate.	Burton, S. - Franks, W. - Robson, G. -	..	..	..	..	..	..	..	..
2624	Lutterworth -	Public Elementary Sch., George St.	Binns, A. - -	..	..	..	..	..	..	..	..
	LINCOLNSHIRE.										
2704	Boston - -	Nat. Sch., 11, Pump Square.	Game, W. - -	..	..	..	..	2	..	..	..
2711	Caistor - -	Lower Gram. Sch., Church Street.	Thomas, R. -	..	..	..	..	2	..	..	..
2716	Gainsborough	Britannia Iron Works, Trinity St.	Blencowe, J. -	..	8	..	..	..	..	..	..
2720	Grantham -	Girls' Nat. Sch., Castle Gate.	Fishenden, R. E.	..	..	..	..	..	..	..	..
2720A	„ - -	British Sch. - -	Preston, H. - Gamble, S. G. - Pearce, J. - Burrell, D. -	..	6	6	..	4	..	8	5
2725	Grimsby (Gt.)	Prim. Meth. Sch., Garibaldi Street.	Wyld, S. - Wyld, C. H. -	4	..	..	4	..	..	..	..
2739	Lincoln -	St. Martin's Par. Sch., Hungate.	Jameson, H. G. Smeeton, J. -	..	..	..	..	..	..	..	..
2736	„ - -	Brit. Sch., Newland.	Harris, H. -	..	..	..	..	2	..	..	..
2736A	„ - -	School Room, St. Benedict's Sq.	Harris, H. -	..	..	..	..	..	..	..	..
2736B	„ - -	Beaumont Free Sch.	Harris, H. -	..	..	..	..	..	..	..	..
2737	„ - -	Sch. of Art, Silver Street.	Webster, A. G. Simpson, E. -	..	6	..	..	..	..	..	..
2762	Moulton (nr. Spalding).	Gram. Sch. - -	Hatt, F. - -	..	..	..	..	..	..	..	..
2751	Stamford -	Blue Coat Endowed Sch., St. Peter's Hill.	Packer, M. W. -	..	..	..	..	1	..	..	..
2754	Sturton-by-Stow.	Board Sch. - -	Garner, E. H. -	..	..	..	..	..	..	..	..
2760	Tetney - -	Board Sch. - -	Clegg, J. - -	..	..	..	..	2	..	..	2
	MIDDLESEX.										
2190	Acton -	Girls Sch., Oldham Terrace.	Ainsworth, H. Goddard, R. D.	..	..	1	..	..	..	..	..
2804	Aldersgate St.	Telegraphists Sch., G.P.O., St. Martin's-le-Grand.	Slingo, W. -	..	..	..	..	1	..	..	..
2805	„ -	Young Men's Chris. Assoc., 186, Aldersgate Street.	Pilley, J. J. -	..	..	..	..	..	..	..	..
2802	Barnsbury -	St. Clement's Nat. Sch., Cumberland Street, Arundel Square.	Gardner, H. -	..	..	..	..	1	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d
20	45	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	203 0 0
..	..	..	..	..	..	..	..	29	..	..	..	..	..	..	5	..	—	34 0 0
..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	37	..	—	52 0 0
..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	—	6 0 0
..	2	..	9	..	..	..	..	4	..	..	..	..	..	..	..	..	—	15 0 0
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	—	40 0 0
..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	2	..	—	8 0 0
..	12	..	..	..	..	..	3	..	..	..	..	..	..	..	..	5	—	22 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	3	4½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 10 0
..	..	..	..	..	..	..	5	..	..	..	..	..	..	6	4	..	—	44 0 0
..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	3	..	—	15 0 0
20	..	..	..	..	..	..	4	..	..	..	..	..	..	..	6	..	—	30 0 0
..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	4	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	0 0 0
17	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	13	—	45 0 0
6	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	5 0 0
..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5		0 0 0
18	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		22 0 0
..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..		7 0 0
10	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..		13 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	MIDDLESEX—*cont.*			£	£	£	£	£	£	£	£
2811	Bethnal Green	Birkbeck Sch., Cambridge Road.	Pike, R. W. Johnson, B. Busbridge, W. Boddy, F. Moss, H.	2	1	7	..	3	..	..	..
2816	„	Board Sch., Olga St., Roman Road	Park, J. Bunting, R.	..	..	..	..	..	..	..	11
2827	Bishopsgate	Bishopsgate Upper Sch., Skinner St.	Moore, E. W. Steele, R. R. Rose, J. A.	..	..	..	..	3	..	..	..
2828	„	Girls' Sch., Primrose Street.	Moore, E. Stanton, J. Stanton, K. E.	..	..	..	..	1	..	..	..
2832	Bloomsbury	Wkg. Men's Coll., 45, Great Ormond Street.	Owen, L. H. Livesey, J. E. Dunman, T.	..	..	..	..	..	8	12	..
2834	„	Ch. Ch. Sch., Little Guilford Street, Russell Square.	Yeaxlee, H.	..	..	..	..	..	..	..	..
2841	Bow	Bow and Bromley Inst., Bow Railway Station.	Angel, H. Philips, T. W. Clifton, C. F.	41	10	61	..	5	..	19	3
2843	„	Sci. Sch., 400, Old Ford Road.	Smart, H. C. Ames, J. Z.	4	5	9	..	1	..	..	8
2847	„	Board Sch., Fairfield Road.	Webb, A. W. Timbrell, F. C.	..	..	..	..	..	..	..	..
2849	Brentford	Brit. Sch., High Street.	Neville, F. W.	6	..	22	..	..	..	..	..
2851	Bromley-by-Bow.	Nat. Sch., Priory Street.	Clutterbuck, W. G.	..	..	2	..	..	..	..	..
2853	„	Board Sch., Byron Street.	Wild, R.	..	..	..	..	..	..	..	11
2861	Chancery Lane	Birkbeck Lit. Inst., Southampton Buildings.	Angel, H. Vaughan, W. Fell, J. C. Wilson, W. J. Chaloner, G. Jones, H. C. Ross, W. J. C. Slade, J. Houston, D. Davy, W. Dunman, T.	52	15	13	..	32	31	29	98
2863	Chelsea	Onslow College, 183, King's Road.	Martin, W. H. Gordon, F. M. Cornwall, F. Symons, C. Seymour, P. W.	10	3	27	..	3	..	3	14
2865	„	St. Mark's Coll. Sch.	Cattell, T. E. Biddle, S.	..	..	..	..	21	..	..	50
2867	„	Whiteland's Coll. Sch.	Hebblethwaite, E.	..	..	..	..	..	..	..	..
2871	„	St. Jude's Youths' Inst., Turk's Row, Lower Sloane Street.	Pugh, T.	4	..	12	..	..	..	..	..
3088	Clerkenwell	Board Sch., St. John's Lane.	Hatton, G. H.	..	..	..	..	..	..	..	..
2896	Ealing	Brit. Sch., Lancaster Road.	Neville, F. W.	..	..	3	..	..	..	..	..
3181	Enfield Highway.	Baptist Sch., Totteridge Road.	Warwick, B. Spooner, H. J.	16	10	..	..	..	..	..	5
2900	Farringdon Road (near Hatton Garden).	St. Peter's Sci. Inst., Onslow St.	Thompson, J. J.	..	..	..	..	3	..	..	..
3176	Finchley	North End, Cong. Sch.	Meggs, J.	..	..	..	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
32	14	..	..	..	..	..	21	3	..	..	..	..	..	..	8	20	—	111 0 0
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	21 0 0
13	4	3	..	..	..	..	..	..	..	..	..	..	..	..	9	16	—	48 0 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	—	12 0 0
23	..	..	..	..	10	..	9	..	8	..	..	..	..	..	..	..	—	70 0 0
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
21	17	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	—	189 0 0
10	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	44 0 0
..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	10	—	18 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	28 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	..	—	24 0 0
116	21	19½	5	1	10	3	11	27	5	..	..	..	..	29	11	18	—	546 10 0
12	10	11	..	9	2	..	3	1	..	..	..	..	..	..	..	17	—	125 0 0
89	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	160 0 0
..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	40 0 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	—	8 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	MIDDLESEX—*cont.*			£	£	£	£	£	£	£	£
2903	Goswell Road	St. Thomas', Charterhouse Sch. of Sci. and Art.	Pilley, J. J. Maybury, A. C. Wyatt, R. C. Payne, J. Summers, T. Smith, C. Powell, J. T. Speaight, A. Ward, R. A.	18	..	..	..	20	..	..	49
2908	Hackney (South)	Sci. Sch., 25 & 28, Hackney Terrace, Cassland Road.	Drew, G. C.	..	..	..	..	..	..	..	5
2914	Hammersmith	Broadway Lecture Hall.	Whitman, H. J. Tomes, W. J. Cornwall, F.	..	..	18	..	2	..	..	..
2920	Hampstead	St. Stephen's Sch., Worsley Road, Downshire Hill.	Spencer, E. F.	..	..	6	..	..	..	..	..
2926	Haverstock Hill.	Board Sch., Truro Street, Prince of Wales Road.	Combes, H.	..	..	..	..	..	..	..	..
2927	„	Orphan Wkg. Sch., Maitland Park.	Hunt, R. Bascomb, A. T. Smith, W.	46	..	..	..	24	..	..	23
3202	Hendon	Brit. Sch., New Brent St.	Butler, J. W.	..	..	..	..	..	..	..	..
2933	Holloway	Holloway Coll., 2 and 4, Spencer Road.	Bourke, W. R. Batchelor, W. T. J. Harris, E. R.	..	..	..	..	..	..	..	..
2935	„	St. John's Youths, Inst., St. John's Sch., Upper Holloway.	Woods, C. R. Wilkinson, E. L.	..	..	..	..	..	..	..	..
3177	„	Girls' Sch., Gifford St., Caledonian Road.	Crouch, Maria	..	..	..	..	..	..	..	..
2946	Hornsey (South).	Wordsworth Rd., Board Sch.	Davis, E.	..	..	..	..	..	..	..	..
3191	Hounslow	Mission Hall, Ordnance Road.	Rutter, T.	..	..	1	..	..	..	..	..
2949	Hoxton	Holy Trinity Sch., Church Street, Herbert Street.	Thrower, H. J.	..	..	..	..	..	..	..	..
2951	„	Wes. Sch., Mintern Street.	Ellercamp, H. G. Devonshire, J. H. Hennings, H. Brockhurst, K.	6	1	16	..	5	..	..	..
2959	Islington	Boys' Nat. Sch., Cloudesley St.	Major, L.	..	..	..	..	3	..	..	17
2963	„	Youths' Inst., St. George's Hall, Richmond Road, Barnsbury.	Meyer, C.	..	..	..	..	..	..	..	..
2964	„	Sci. and Art Sch., Windsor Street, Essex Road, N.	Angel, H. McCormick, A. J. Scarf, I. Bond, R. A. Goodwin, G. Howard, J.	54	15	56	..	2	10	28	21
2968	„	Highbury Inst., Compton Avenue, Canonbury Road.	Marle, H. Addiscott, C. J. Beal, W. J. Singleton, A. H. Morley, H. S. Evans, J. C. Mackrell, I. Bowers, T. F.	..	..	5	..	15	3	..	6

Examinations in Science—*cont.*

IX.	X.	X.P.	XI.	XI.P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
60	61	58	9	6	6	..	85	45	..	..	..	..	..	..	46	107	—	570 0 0
21	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	—	44 0 0
..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	24 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	42	..	..	..	..	..	..	..	..	—	135 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
55	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	..	—	66 0 0
20	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	21 0 0
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	1 0 0
17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	17 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	2 0 0
16	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	—	59 0 0
58	..	..	..	..	..	..	17	..	..	..	..	..	..	..	11	..	—	106 0 0
7	4	..	..	..	..	..	6	..	..	..	..	..	..	..	5	..	—	22 0 0
46	25	21½	..	..	..	..	5	..	..	..	..	..	..	7	..	..	13 10 0	304 0 0
16	8	..	..	..	10	..	12	16	3	..	..	..	..	..	16	36	—	146 0 0

ppendix B.

AYMENTS TO SCIENCE EACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	MIDDLESEX—*cont.*			£	£	£	£	£	£	£	£
2976	Kensington -	Brit. Sch., Allen Street.	Gordon, F. M. -	..	2	16	..	..	..	..	17
			Palmer, J. C. -								
			McCarty, W. W.								
2982	Kentish Town	Training Sch., Wilkin Street.	Osborne, C. M. -	..	..	..	..	..	..	..	..
2985	„ „	Board Sch., Mansfield Place.	Hayward, J. H. -	..	..	..	..	..	..	..	..
2986	„ „	Gospel Oak Sch., Allcroft Road.	Simpson, B. -	1	..	8	..	5	..	..	5
			Jennings, A. -								
			Johnson, B. -								
2987	„ „	Nat. Sch., Islip Street.	Parry, P. -	1	1	3	..	..	..	..	..
			Burgess, W. T.								
2989	Kilburn -	St. Augustine's Boys' Sch., Kilburn Park Road.	Grenville, A. -	..	..	11	..	..	..	..	..
2993	Kingsland -	North London Sch. of Sci. and Art, Sandringham Rd.	Swinstead, C. -	8	2	9	..	..	..	..	..
			Swinstead, C. H.								
3000	52, Leadenhall Street.	City of London Coll.	Dyer, B. - -	3	8	45	..	9	2	7	4
			Philips, T. W.								
			Semmons, W. -								
			Adams, H. -								
			Brown, W. -								
			Ward, R. A. -								
			Slade, J. - -								
			Maybury, A. C.								
			Parker, J. J. -								
			Wheeler, J. J.								
3004	Limehouse -	Board School, Thomas St., Burdett Rd., E.	Richman, H. -	..	19	..	..	..	..	..	..
			Chasteney, F. -								
			Gill, A. - -								
3011	Marylebone -	Quebec Inst., 18, Baker Street.	Mackrell, I. -	..	..	..	..	..	..	..	..
3012	„ -	St. Andrew's Par. Sch., 71, Wells Street.	Busbridge, W. -	16	4	45	..	..	..	..	..
3014	„ -	Board Sch., Bell Street.	Busbridge, W. -	16	6	64	..	..	..	..	..
3016	„ -	Gram. Sch., Ogle Street, Fitzroy Square.	Pegg, I. B. -	..	..	..	..	..	..	..	..
3010	„ -	Central Sch., 63, High Street.	Moss, H. - -	3	..	9	..	1	..	..	9
			Jennings, A. -								
			Jesseman, A. -								
			Simpson, B. -								
3022	Mayfair (W.)	Curzon Boys' Sch., Market Street.	Myhill, C. - -	..	..	..	..	..	..	..	..
3040	Notting Hill -	St. James', Norlands Sch., St. John's Place, St. James' Square.	Ainsworth, H. -	3	..	15	..	1	..	..	..
			Jacobs, W. -								
			Steele, R. R. -								
3046	Old Street, E.C.	St. Luke's Par. School, 188, Old Street.	Dunkerley, J. W.	..	..	..	..	..	..	..	..
3047	„ -	Hall of Science, Minor Hall, 142, Old Street.	Aveling, E. B. -	..	..	..	..	6	10	..	..
			Bradlaugh, A.								
			Bradlaugh, H.								
3047A	Oxford Street	Pract. Sci. Laby., 13, Newman St.	Aveling, E. B. -	..	..	..	..	..	..	..	..
3011A	„ -	Berners Coll. of Experimental Sci., 44, Berners Street.	Gardner, J. H. -	..	..	..	..	..	..	..	..
3050	Paddington -	St. Michael's Sch., Star Street.	McCarty, W. W.	..	1	..	..	..	..	..	..
3052	„ -	St. Paul's Boys' Sch., Waverley Terrace.	Smith, J. R. -	..	..	6	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	19 0 0
11	9	.	..	..	4	3	13	5	3	..	..	..	..	1	1	1	—	129 0 0
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5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	—	7 0 0
11	..	..	..	..	..	..	14	2	..	..	..	..	..	..	13	13	—	75 0 0
..	..	..	..	..	..	..	5	3	..	..	..	..	..	..	..	..	—	11 0 0
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20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	—	40 0 0
..	10	..	..	..	7	..	23	..	11	..	..	..	..	..	..	..	—	67 0 0
..	..	4½	..	..	..	..	..	15	..	..	..	..	..	..	..	..	—	19 10 0
9	5	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	28 0 0
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ppendix B.

AYMENTS TO SCIENCE EACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	MIDDLESEX—*cont.*			£	£	£	£	£	£	£	£
3053	Paddington -	Westbourne Park Chapel, Porchester Road, W.	Busbridge, W. Hingston, F. W.	4	..	8	..	..	..	..	..
3071	Pinner - -	Commercial Travellers' Sch.	Richards, W. F. - - Procter, J. - Coleman, L. -	..	..	..	..	25	15	..	..
3205	Poplar - -	Nat. Sch., High Street.	Parsons, W. E.	..	..	..	..	..	..	..	..
3074	„ - -	Trinity Bd. Sch., Upper North Street.	Barker, H. W. Calver, A. -	..	..	..	..	..	..	..	..
3076	„ - -	Cotton St. Sch., East India Rd.	Taffs, A. - -	..	..	..	..	..	..	..	..
3199	„ - -	St. Stephen's Read. Room, East India Road.	Philips, T. W. -	4	11	..	..	..	..	..	..
3089	Portland Town, N.W.	St. John's and St. Stephen's Nat. School, Charles Street.	Grenville, A. -	2	..	7	..	..	..	..	..
3080	Queen's Park (Harrow Rd.)	Board Sch. - -	Cox, E. J. - Walker, L. H. Grenville, A. - Bottle, E. -	6	..	25	..	..	..	..	..
3094	St. Pancras -	St. Pancras Ch. Inst., 138, Euston Road.	Brown, F. W. -	..	..	..	..	..	..	..	5
3094A	„ -	The School Room, Thanet St.	Parry, P. - -	1	..	1	..	..	..	..	..
3203	Shepherds Bush.	St. Stephen's Nat. Sch., Uxbridge Rd.	Hawkes, F. -	..	..	1	..	..	..	..	..
3097	Somers Town	Board Sch., Aldenham Street.	Busbridge, W. -	29	4	62	..	..	..	..	..
3104	Stepney -	Ben Jonson Bd. Sch., Harford St.	Pope, W. J. - Bull, J. - -	..	..	..	..	..	..	..	..
3106	„ - -	Meeting Sch., Garden Street.	Fewings, E. - Conibeer, H. -	..	..	..	..	..	..	..	..
3122	Stoke Newington.	Wellington Road Sch., N.	Simpson, B. -	..	..	..	..	..	..	..	..
3195	Strand - -	King's Coll. Sch. of Prac. Art.	Glenny, W. J. -	2	..	5	..	..	..	..	..
3169	„ - -	Yng. Men Chris. Assoc., 5, Salisbury Street.	Harland, A. -	1	..	8	..	..	..	..	..
3204	Tottenham Court Road.	St. John's Schs., 54a, Tottenham Court Road.	Walker, L. H. -	..	..	..	..	..	..	..	..
3183	Turnham Green.	Devonshire Club and Inst., Camden House.	Neville, F. W. Davies, S. W. -	..	5	6	..	..	..	3	..
3127	Twickenham -	Collegiate School, Grosvenor Road.	Mackrell, I. -	..	..	..	..	..	..	..	..
3134	Westbourne Park.	St. Stephen's Sch., 91, Westbourne Park Road.	Walker, J. - -	..	..	..	..	..	..	..	6
3142	Westminster -	Grosvenor Hall, Buckingham Palace Road.	Miller, A. J. -	2	1	3	..	..	..	..	..
3143	„ -	St.-James-the-Less, N.S., Chapter St., Vauxhall Bridge Road.	Busbridge, W. -	20	5	38	..	..	..	..	..
3144	„ -	Sch. of Art, Roy. Archl. Mus., 18, Tufton St., Deans Yard.	Brown, F. - -	..	..	6	..	..	..	..	..
3145	„ -	St. Margaret's Par. Sch., New Tothill St.	Freeman, G. A. -	..	..	..	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
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49	..	..	..	..	13	..	..	..	..	..	..	..	..	..	48	..	—	150 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	16	—	59 0 0
7	4	3½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	19 10 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	95 0 0
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	61	—	85 0 0
..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	11	—	13 0 0
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
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13	4	..	..	..	..	..	2	3	..	..	..	..	..	..	..	..	—	22 0 0
..	..	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	—	15 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	63 0 0
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..	..	..	..	..	..	..	9	7	..	..	..	..	..	..	..	..	—	16 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	MIDDLESEX—*cont.*			£	£	£	£	£	£	£	£
3148	Westminster	Wes. Prac. Sch., 130, Horseferry Road.	Brook, S. Mottram, W.	..	..	..	..	..	..	..	..
3151	„	St. Andrew's Sch., Ashley Place.	Hall, J. Somerville, H.	..	..	..	..	9	..	..	9
	MONMOUTHSHIRE.										
3304	Chepstow	Boys' Board Sch., Station Road.	Luff, W.	..	1	..	..	..	..	..	..
3305	Ebbw Vale	Lit. Inst.	Bumby, H. Lee, J. C.	..	5	..	..	..	..	..	..
3308	Newport	Sch. of Sci. and Art, Albert Hall Chambers, Stow Hill.	Bush, W.	5	6	..	..	5	..	..	..
3305A	Tredegar	Town Hall, The Circle.	Hall, J. W.	..	..	..	..	..	..	..	..
	NORFOLK.										
3400	Banham	Commercial Sch., Church Green.	James, C.	..	..	..	..	5	..	..	..
3402	King's Lynn	Athenæum, Baxter's Plain.	Turner, A. P. Bune, F. W.	2	10	9	..	2	..	..	..
3405	Norwich	Boys' Model Sch., Princes Street.	James, J.	..	..	..	..	..	..	..	..
3407	„	Presb. Sch., Calvert Street.	Wright, J. D.	..	..	..	..	22	..	..	..
3409	„	Sch. of Sci. and Art, St. Andrew's, Broad St.	Cochrane, R.	2	3	6	..	..	..	..	..
3413	„	Class Room, Meth. Ch., Chapel Field Road.	Carver, J.	..	..	..	..	..	..	..	..
3414	„	Ch. of Eng. Young Men's Society's Rooms, Little Oxford Street.	Carver, J.	..	..	..	..	..	..	..	12
3423	Thorpe	St. Andrew's Nat. Sch.	Barker, W. S.	..	..	..	..	..	..	..	..
3419	Wymondham	Central Bd. Sch., Browick Lane.	Shockley, R. C.	2	..	..	..	3	..	..	..
3416	Yarmouth (Great).	Sch. of Sci. and Art, South Quay.	Stockton, W. Ryan, J. F.	3	..	..	..	8	5	..	..
3417	„ „	Gram. Sch.	Stockton, W.	..	..	..	..	12	..	..	..
3418	„	Brit Sch., St. George's Road.	Moss, G. T.	..	..	..	..	6	2	..	..
	NORTHAMPTONSHIRE.										
3506	Daventry	Assembly Hall, Foundry Place.	Billingham, F.	..	..	..	..	..	..	..	..
3545	Kettering	Girls' Nat. Sch., Market Square.	Thompson, B.	..	..	..	..	..	..	..	..
3515	Northampton	Sch. of Sci. and Art, Grammar Sch., Abingdon Square.	Thompson, B. Jenkins, C. Crick, C. E. Fisher, G. Hill, H.	..	..	7	..	5	7	..	28
3530	Raunds	Wes. Sch.	Lee, G.	..	..	..	..	..	..	..	..
3532	Rothwell (near Kettering).	Brit. Sch., School Lane.	Towner, A.	..	..	..	..	..	..	..	..
3541	Wellingborough.	All Saints' Nat. Sch., Castle St.	Brazier, J.	..	..	..	..	..	..	..	..
	NORTHUMBERLAND.										
3646	Ashington Colliery (near Morpeth).	School Room	Nixon, R.	..	..	..	..	..	..	7	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
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29	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	68 0 0
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25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	25 0 0
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9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	—	22 0 0
13	22	14½	..	..	7	..	3	2	..	..	..	..	..	..	5	42	—	155 10 0
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	—	34 0 0
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	—	5 0 0
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17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	24 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	NORTHUMBERLAND—*cont.*			£	£	£	£	£	£	£	£
3658	Backworth -	Board Sch. - -	Robson, G. - Hair, T. C. - Proud, J. -	..	3	..	..	..	..	2	..
3648	Bedlington -	C. E. Sch., Vulcan Place.	Ramshaw, R. -	..	..	..	..	4	..	..	..
3649	„ -	Colliery Sch. -	Nixon, R. - -	..	..	..	..	..	..	3	..
3654	Blyth - -	Cowpen Colliery Sch.	Nixon, R. - -	..	..	..	..	..	..	9	..
3652	„ - -	New Delaval Colliery Sch.	Johnson, L. -	13	8	..	..	..	..	..	..
3656	„ - -	Colliery Sch., Cambois.	Johnson, L. -	1	2	..	..	..	..	..	..
3657	Choppington -	Infant Sch. - -	Nixon, R. - -	..	..	..	..	..	..	4	..
3655	Cowpen Lane	Bebside Colliery Sch., Front St.	Nixon, R. - -	..	..	..	..	..	..	3	..
3607	Cowpen Quay	Board Sch. - -	Johnson L. -	1	2	..	..	..	..	..	..
3651	Cramlington	Colliery School, Shankhouse.	Nixon, R. - -	..	..	..	..	..	..	11	..
3611	Haltwhistle -	Board Sch., West Croft Head.	Graham, W. -	..	..	..	..	..	..	..	..
3630	Killingworth	Burradon Colliery Sch.	Davey, W. C. -	..	..	..	..	..	..	..	5
3629	Newcastle-on-Tyne.	Byker Bd. Sch., Heaton Park Rd.	Constable, T. -	..	..	..	..	..	..	..	..
3620	„	Board Sch., Westmoreland Road.	Fleming, T. -	..	..	..	..	6	..	..	..
3616	„	Mech. Inst., Elswick.	Evers, H. - Grey, W. J. -	29	56	3	..	26	18	21	12
3617	„	Sch. of Sci. and Art, Mech. Inst., New Bridge St.	Ross, J. A. G. - Goldie, E. - Hunter, F. W. -	6	22	1	..	1	6	14	5
3621	„	Sch. of Sci. and Art, Library Place, Westgate Road.	Way, W. C. -	..	..	6	..	..	..	..	..
3626	„	Sch. of Sci. and Art, Bath Lane, Corporation St.	Dunn, J. T. - Ellis, A. M. - Thomson, R. - Barnett, J. H. Oliver, J. H. - Oliver, W. D. - Spence, F. - Smith, G. - Hall, R. A. - Candler, T. E. - Eltringham, W. T. Grey, W. J. - Knowles, W. H. Moore, J. -	17	21	13	..	104	30	37	102
3659	„	North-Eastern Inst., Central Railway Station.	Fleming, T. -	..	..	..	..	5	..	..	..
3614	North Seaton	Boys' Sch. - -	Nixon, R. - -	..	..	..	..	..	..	..	..
3631	North Shields	Ch. Ch. Sch., Albion Road.	Urpeth, W. - Fleming, A. -	..	..	1	..	4	..	..	..
3632	„ -	Free Library, Howard St.	Liddell, R. W. - Robson, W. - Waugh, B. -	..	4	..	..	..	..	..	..
3633	„ -	Kettlewell Sch., George Street.	Pybus, J. - Manson, T. F. -	..	2	..	..	3	..	..	..
	NOTTINGHAMSHIRE.										
3740	Bulwell -	Nat. Sch., Main St.	Holroyd, J. -	..	..	..	..	.	..	..	..
3743	Eastwood -	Nat. Sch., Church Street.	Sheldon, J. -	..	..	..	..	..	..	..	..
3705	Mansfield -	Sch. of Sci. and Art, Mech. Inst., Queen Street.	Sherwood F. -	2	..	1	..	..	..	..	..
3722	Nottingham -	High Pavement Boys' Sch.	Levy, J. - -	..	..	..	..	..	..	..	..

ıminations in Science—*cont.*

X.	X. P.	XI.	XI. P	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	6	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	—	27 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	21 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
..	..	..	..	..	..	8	..	..	..	..	..	.	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	14 0 0
..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
19	36	..	..	..	..	..	..	..	..	..	..	..	10	..	..	—	242 0 0
5	12	..	..	..	..	..	..	..	..	..	..	..	10	..	..	—	82 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
89	112	12	9½	17	..	36	5	8	6	..	..	..	8	23	..	33 0 0	782 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	2	..	..	5	..	—	12 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	8	—	16 0 0
..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	21 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
4	..	..	..	..	..	13	..	..	..	..	..	..	..	..	..	—	17 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of th e

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	NOTTINGHAMSHIRE—*cont.*			£	£	£	£	£	£	£	£
708	Nottingham -	University College, Shakespeare St.	Booker, F. W. -								
			Rothera, C. J. -								
			Spencer, F. H.								
			Westmoreland, J. - - -								
			Baker, C. R. -								
			Wheatley, W. -	31	11	35	..	13	5	3	23
			Clarke, E. -								
			Levy, J. - -								
			Smith, I. H. -								
			Corner, S. -								
			Wilson, E. -								
			Aldridge, H. E.								
3766	„ -	Board Sch., Alfreton Road.	Gaskell, W. -								
			Waslin, A. S. -	..	..	..	..	2	..	2	..
			Aldridge, H. E.								
3767	„ -	St. Paul's Sch., Cross Street.	Morley, I. H. -	..	..	..	..	..	..	..	3
3735	Worksop -	Abbey Boys' Sch., Vicarage Walk, Potter Street.	Jalland, W. H. -	..	..	..	..	4	..	..	..
	OXFORDSHIRE.										
3801	Banbury -	Nat. Sch., Southam Road.	Sumner, W. -	..	..	..	..	4	..	..	..
3802	„ -	Ark House Sch. -	Beale, A. J. -	..	..	..	..	8	..	..	..
3803	„ -	Brit. Sch., Cherwell	Bray, E. - -	..	..	..	..	..	..	..	6
3807	„ -	Boys' Brit. Sch., Crouch St.	Boulton, A. -								
			Busbridge, A. W. - - -	..	..	..	..	1	..	..	..
3822	Oxford - -	Univ. Museum -	Kerry, A. F. -								
			Moore, H. -								
			Woods, J. W. -								
			Morris, J. E. -	..	..	17	..	..	..	..	8
			Bailey, J. B. -								
			Payne, C. A. -								
3823	„ - -	Wes. Sch., New Inn, Hall Street.	Richardson, J. -	..	..	..	..	12	..	..	..
	SHROPSHIRE.										
3901	Coalbrookdale	Sch. of Sci. and Art, Lit. and Sci. Inst.	Gibbons, O. -	4	1	1	..	..	..	..	..
3902	Dawley - -	Nat. Sch., Braudlee	Hewitt, A. -	..	..	..	..	..	..	..	..
3922	„ - -	Coalbrookdale Coy. Sch., Pool Hill.	Kendall, F. -	..	..	..	..	..	..	..	..
3923	Hadley - -	Board Sch. - -	Jones, F. T.	..	7	..	..	..	..	..	..
3908	Shrewsbury -	Sch. of Sci. and Art, Vaughan's Mansions.	Harrison, W. H.	..	..	..	..	..	..	..	..
3917	Wem - -	Grammar Sch. -	Fish, N. G. -	..	..	..	..	..	..	..	..
	SOMERSETSHIRE.										
4006	Bath - -	Corridor Room, The Corridor.	Gatehouse, J. W.	..	..	..	..	.	..	..	..
4057	„ - -	Argyle College Sch., 6, Argyle Street.	Belcher, W. -	..	..	..	..	..	..	..	..
4001	„ - -	Sch. of Sci. and Art, 33, Paragon.	Trew, A. R. F. -	3	..	6	..	..	..	..	..
4052	Bridgwater -	Coll. Sch., Lonsdale Ho., Dampier Street.	Porritt, W. -	..	..	..	..	2	..	..	..
4014	Evercreech -	Nat. Sch. - -	Hargreaves, J. -	..	..	..	..	..	..	..	..
4017	Frome - -	Sch. of Sci. and Art, Lit. Inst.	Collins, W. G. -	..	..	1	..	..	..	..	..

Examinations in Science—*cont.*

Appendi

PAYME TO SCIEN TEACHI

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
16	4	14½	..	..	5	..	13	8	..	..	..	..	..	8	11	5	—	205 10 0
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29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	33 0 0
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8	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	—	24 0 0
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	4 0 0
21	15	..	..	..	3	..	..	..	..	..	..	..	..	..	2	..	—	66 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	—	33 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	17	..	..	..	..	..	..	..	..	27	—	44 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
2	1	5½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 10 0
..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
14	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	32 0 0
..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	7 0 0
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10	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	18 0 0
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Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
		SOMERSETSHIRE—*cont.*		£	£	£	£	£	£	£	£
4018	Frome	Brit. Sch., Milk Street.	Gosling, N. J.	..	..	..	..	7	..	..	..
4070	Huntspill	Westn. Side Bd. Sch.	Rowe, J.	..	..	..	..	..	..	..	..
4022	Ilminster	Gram. Sch. (Boys'), Silver Street.	Woodward, W. J.	1	..	..	..	..	..	..	..
4028	Shepton Mallet.	Nat. Sch.	Dibdin, H.	..	..	..	..	..	..	..	..
4047	Yeovil	Reckleford Street Board Sch.	Higham, R. H. Higham, V. E.	..	..	..	..	1	..	..	3
		STAFFORDSHIRE.									
4106	Bilston	Coseley Nat. Sch.	Nicholls, E.	..	..	..	..	3	..	..	..
4114	Brierley Hill	Board Sch., Moor Street.	Clark, D. Mason, B. F.	..	22	..	..	..	..	..	..
4116	Burslem	Sch. of Sci. and Art, Wedgwood Inst.	Theaker, G. Sexton, A. H.	8	1	2	..	6	..	..	12
4120	Burton-on-Trent.	Sch. of Sci. and Art, Union St.	Whitehead, J. Ward, G. H. Hind, H. R. Heron, J. Beckett, T. W.	1	4	1	..	9	1	..	6
4123	„	Bd. Sch., Guild Street.	Baggley, C. Potter, N. C.	..	..	..	..	..	..	..	..
4246	Darlaston	Parish Ch. Sch., School St.	Reed, G.	..	..	..	..	..	..	..	..
4138	Handsworth	Commercial Sch., Wretham Road.	Hiorns, A. H. Cox, A. W.	..	2	..	..	..	..	..	..
4224	„	Villa Cross Sch., Heathfield Road.	Hiorns, A. H.	..	..	..	..	..	..	..	..
4142	Hanley	Potteries Mech. Inst., Pall Mall.	Knowles, M.	..	..	..	..	4	1	..	..
4143	„	Wes. Sch., Charles Street.	Smith, A. H.	..	..	..	..	4	..	..	..
4168	Stafford	Sch. of Sci. and Art, Borough Hall, Eastgate Street.	Duncan, W. S.	..	2	1	..	..	..	..	..
4173	Stoke-on-Trent.	Minton Memorial Building, London Road	Martin, F.	..	..	..	..	4	..	..	7
4173A	„	Free Lib. Building, London Road									
4184	Tunstall	End. Sch., Lyndhurst Street.	Knowles, M. Blackhurst, A. Scholfield, W. E.	..	..	..	..	3	1	..	..
4190	Walsall	Gram. Sch., Lichfield Street.	Turner, J.	..	..	..	..	..	..	..	..
4188	„	Sch. of Sci. and Art, the Inst., Station Street.	Turner, J. Kidson, E. Hutchinson, W. Skilton, A. J.	..	..	..	..	9	..	..	6
4195	Wednesbury	Free Lib., Walsall Road.	Longstaffe, J. Brown, A. W. Hutchinson, W. Turner, J. Collins, E. T.	..	14	..	..	..	..	..	..
4196	„	Higher Grade Sch., Walsall Street.	Longstaffe, J. Brown, A. W.	..	3	..	..	..	..	..	..
4197	Wednesfield	Nat. Sch., Graiseley Lane.	Foster, T. J.	..	..	..	..	..	..	..	..
4199	West Bromwich.	Board Sch., Lyng.	Mason, J.	..	..	..	..	..	..	..	..
4200	„	Ch. Ch. Sch., Walsall Street.	Brown, A. W.	..	10	..	..	..	..	..	..
4205	„	Bd. Sch., Spon Lane.	Yates, T. H.	..	..	..	..	..	..	..	..

aminations in Science—*cont.*

X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	14 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	—	23 0 0
..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	..	—	33 0 0
26	32½	..	..	3	..	..	11	..	..	..	..	..	..	..	..	—	108 10 0
14	16½	..	..	..	..	3	..	..	..	..	..	..	..	3	..	—	58 10 0
..	..	..	..	..	..	27	..	..	..	..	..	..	..	..	..	—	27 0 0
..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	26 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
5	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	31 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
8	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	24 0 0
16	30½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	78 10 0
31	9½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	40 10 0
15	31	3	3½	2	..	11	..	..	..	..	..	..	..	1	..	—	105 10 0
17	4	..	..	5	..	6	1	..	..	..	..	..	..	4	..	—	51 0 0
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	5 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	STAFFORDSHIRE—*cont.*			£	£	£	£	£	£	£	£
4212	Wolverhampton.	Free Lib., Garrick Street.	Williams, J. Hutchinson, W. Hurrell, S. Hough, J. Saunders, J. Walker, T. Beer, S. F. Shaw, R. Wynn, J. A. Taylor, A.	..	9	..	..	7	7	10	12
4213	„	St. Peter's Sch., St. Peter's Walk.	Beer, F. Cattell, G. Harrison, W.	..	..	..	..	15	..	..	..
4215	„	Sch. of Sci. and Art, Darlington Street.	Gunn, A. Warburton, J.	4	13	7	..	..	..	..	..
	SUFFOLK.										
4303	Beccles	Mr. Hockey's Mid. Class Sch., Ballygate Street.	Soanes, D. A. Jones, F. H.	..	..	..	..	1	..	..	..
4302	„	Town Hall, Smallgate Street.	Hooker, J.	..	..	..	..	..	..	..	..
4304	Bury St. Edmunds.	Guildhall Mid. School, College Street.	Jones, T.	..	..	..	..	4	..	..	5
4321	Gorleston	Board Sch., Stradbroke Road, Lowestoft Road.	Cook, R.	..	..	..	..	1	..	..	..
4306	Ipswich	Sch. of Sci. and Art, High Street.	Greenwood, W. M. Laidlaw, J. Griffiths, W. T.	5	8	3	..	..	..	..	19
	SURREY.										
4404	Battersea	Wes. Meth. Chapel Sch., Landseer Street.	Busbridge, W.	15	3	28	..	..	..	..	..
4402	„	Park Board Sch., Park Road.	Barter, S. McQueen, J. C.	7	3	9	..	..	..	..	..
4413	„	Sir Walter St. John's Mid. Class Sch., High St.	Taylor, W. Mills, E.	..	..	..	..	..	..	..	..
4411	„ (West)	Belmont Works	Smith, J. R. Ninnes, G. I. Cowdry, F.	3	1	16	..	..	..	..	..
4418	Battersea Rise	Royal Masonic Inst. (for Girls'), St. John's Hill.	Thompson, J. J.	..	..	..	..	..	..	..	..
4420	Bermondsey	Board Sch., Monnow Road.	Busbridge, J.	..	3	2	..	..	..	..	..
4421	„	Herold's Sch., Drummond Road.	Treleaven, J. T.	13	17	..	..	..	..	..	..
4422	„	Board Sch., Webb Street.	Simpson, B. Wakerell, H. Jennings, A.	..	..	2	..	3	..	..	..
4525	Blackfriars Road.	Board Sch., Hatfield Street.	Moss, H. Bryant, J.	..	..	..	..	..	..	..	..
4427	Brixton	Ch. Ch., Youths' Inst., Cancell Road.	Smith, A. A.	..	..	..	..	1	..	..	..
4537	„	Board Sch., Effra Road.	Houston, D. Jennings, A. Gautrey, T. Price, H. S. Wright, J. T. Piggott, W. W.	7	..	9	..	5	..	..	2
4433	Camberwell	Green Coat and Nat. Sch., Camberwell Green.	Maidment, H. Moss, H. Simpson, B. Jennings, A.	2	..	4	..	1	..	..	6

aminations in Science—*cont.*

	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
	13	..	..	..	6	..	40	5	..	..	..	..	..	..	12	9	—	153 0 0
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	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	24 0 0
	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	—	39 0 0
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	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	5	—	19 0 0
	..	..	..	..	..	..	12	..	..	..	..	..	..	..	9	..	—	25 0 0
	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	—	9 0 0
	9	..	..	..	3	..	..	..	..	..	..	..	..	..	1	19	—	67 0 0
	..	..	..	..	..	..	6	..	..	..	..	..	..	..	8	16	—	49 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
		SURREY—*cont.*		£	£	£	£	£	£	£	£
4535	Camberwell -	Board Sch., Boundary Lane.	Busbridge, J. - Hayward, J. H. Sandell, O. J. - Oliver, E. -	2	4	1	..	6	5	..	3
4556	„ -	Board Sch., Leipsic Road.	Rankin, G. - Martin, J. -	..	..	..	..	..	..	..	..
4552	Carshalton -	Cottage Reading Rooms.	Smith, J. R. -	..	7	8	..	..	..	..	..
4568	Caterham -	Reedham Asylum for Fatherless Children.	Carter, J. A. -	..	..	..	..	..	..	..	..
4563	Chilworth -	Gresham Press Inst.	Farnfield, S. -	..	..	..	..	..	..	..	..
4440	Croydon -	Sch. of Sci. and Art, Lit. and Sci. Inst., George St.	Busbridge, J. -	3	..	8	..	..	..	..	..
4565	„ - -	Board Sch., Oval Road.	Field, W. - -	..	..	..	..	..	..	..	..
4566	„ - -	Sunflower Coffee Tavern.	Staynes, H. -	2	..	..	..	..	..	..	..
4449	Godalming -	Boys' Brit. Sch.									
4449A	„ -	Nat. Sch., Moss Lane - -	Farnfield, S. -	..	..	..	..	..	..	..	..
4451	Guildford -	Castle House Sch., Quarry Street.*	Farnfield, S. -	..	..	..	..	..	..	..	..
4452	„ -	Archbishop Abbott's School, North Street.	Farnfield, S. -	..	..	..	..	..	..	..	5
4453	„ -	Wkg. Men's Inst., Lea Pale Road.	Downes, G. W. -	4	..	8	..	..	..	..	..
4454	„ -	Archbishop Abbott's Hospital, High Street.	Farnfield, S. -	..	..	..	..	..	..	..	..
4455	„ -	Ladies' Collegiate Sch.*	Farnfield, S. -	..	..	..	..	..	..	..	..
4530	„ -	Westbury House, Ladies' Sch.*	Farnfield, S. -	..	..	..	..	..	..	..	..
4538	„ -	Ward Street Hall, North Street.*	Farnfield, S. -	..	..	..	..	..	..	..	..
4430	Herne Hill -	Board Sch., Jessop Road.	Pond, H. - Cary, R. H. -	..	..	..	..	..	..	..	1
4431	Kennington -	St. John's Middle Class Sch.	Hays, G. - -	..	..	..	..	4	..	..	28
4432	„ -	St. John's Youths' Inst., 149, Camberwell New Road.	Hennings, R. J. Medley, E. G. F. - - - Haggerty, C. E. Fink, J. D. H. -	2	..	8	..	2	..	..	..
4459	Kingston-on-Thames.	Tiffen's Boys' Sch., Fairfield South.	Grist, C. J. - Lucas, W. J. -	..	..	..	..	..	..	..	..
4459A	„ - -	Tiffen's Girls' Sch., Fairfield South.	Davis, B. -	..	..	..	..	..	..	..	..
4461	Lambeth -	Boys' Nat. Sch., Hercules Builds.	Busbridge, W.	28	11	61	..	..	..	..	..
4561	London Road, S.E.	St. Jude's Sch., Richmond Street.	Fink, J. D. H. - Tyrrell, E. - Haggerty, C. E.	6	2	1	..	..	..	..	..
4541	Long Ditton -	Schoolroom, Rushett Street.	Braddock, R. F.	..	..	..	..	..	..	..	..
4465	Norwood (Upper).	Board Sch., Westow Hill.	Barter, S. - -	4	..	5	..	..	..	..	..
4547	Peckham -	Board Sch., Woods Road.	Pope, W. J. - Bull, J. H. -	..	..	..	..	..	..	..	..
4467	„ -	Tech. Sch., Asylum Road.	Faulkner, J. - Faulkner, J. junr. - - Flockton, H. B. Parkinson, A. - Morris, J. - Day, A. G. - Capponi, C. J. -	67	19	..	..	16	5	..	57

* Included in School No. 4452.

minations in Science—*cont.*

X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	23	3	..	..	..	..	..	..	8	54	—	134 0 0
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	—	16 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0
..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	40 0 0
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	—	23 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
7	..	..	..	..	..	12	..	..	..	..	..	..	..	8	5	—	40 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—
36	43	..	..	44	..	8	..	..	..	..	..	..	..	7	..	—	163 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	12 0 0
..	..	..	..	4	..	3	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	2 0 0
11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	92 0 0
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	20	..	..	..	..	..	..	..	15	..	—	35 0 0
..	..	..	..	..	..	33	..	..	..	..	..	..	..	..	..	—	33 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	100 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	52	—	78 0 0
55	28	..	..	..	..	15	..	..	..	..	..	..	..	..	..	39 0 0	374 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	SURREY—*cont.*			£	£	£	£	£	£	£	£
4545	Peckham -	St. Mary's Coll., Hanover Park.*	Pope, W. J. -	..	..	..	..	6	4	..	..
			Thomas, T. -								
			Beatty, W. -								
4470	„ -	Wesn. Sch., Stafford St., High Street.	Redman, H. R.	..	..	..	..	2	..	..	5
			Lowe, A. - -								
			Husbands, M. -								
4473	„ -	Board Sch., Sumner Road.	Busbridge, J. -	1	..	5	..	..	..	..	..
4544	„	Birkbeck Sch., WillowBrook Rd.	Simpson, B. -	1	..	3	..	..	..	..	..
			Jennings, A. -								
4468	„	Ch. Ch. Nat. Sch., Asylum Road.	Fink, J. D. H.	1	4	2	..	..	..	..	..
			Tyrrell, E. -								
			Haggerty, C. E.								
4481A	Reigate - -	Public Hall - -	Baker, C. E. -	..	..	23	..	..	..	..	..
			Greening, F. -								
4482	Richmond -	British Sch., The Vineyard.	Marwood, D. -	..	..	13	..	..	..	..	..
4557	Shaftesbury Park.	Prim. Meth. Chapel, Grayshott Road.	Caley, A. - -	2	3	1	..	..	..	..	..
4492	Southwark -	Wesn. Sch., Chapel Place.	Seary, T. G. -	..	..	..	..	1	..	..	..
4554	Stockwell -	Spurgeon's Orphanage, Clapham Rd.	Thompson, J. J.	..	..	..	..	..	..	..	..
4495	„ - -	St. Andrew's Nat. Sch., Lingham St.	Ellercamp, H.	4	2	14	..	..	..	..	..
			G. - - -								
			Busbridge, W. -								
4497	„ - -	Educational Inst., Stockwell Green.	Medley, E. G. F.	..	2	5	..	2	..	2	8
			Rose, B. J. -								
			Greening, F. -								
			Collingwood, J. H.								
			Good, T. W. -								
			Farmer, E. H. -								
4498	Streatham -	Royal Asylum of St. Anne's Society.	Hawkins, B. -	..	..	..	..	8	9	..	..
			Coleman, W.								
4501	„ -	Immanuel Church Mission Rooms, Greyhound Lane.	Barter, S. - -	6	..	9	..	..	..	..	..
4503	Tooting (Upper)	Church Inst., Wiseton Rd.	Buchanan, A. -	2	..	7	..	..	..	..	..
4505	„ „ -	St. Mary Magdalene Mid. Class Sch., Trinity Rd.	Magee, J. T. -	..	..	..	..	1	..	..	..
4426	Vauxhall -	Working Men's Coll., 143, Upper Kennington Lane.	Miller, A. J. -	4	..	1	..	..	..	..	..
4506	„ -	L. and S. W. Ry. Lit. Inst., 54, Wandsworth Rd.	Parry, P. - -	1	1	1	..	..	..	..	..
4508	Walworth -	Lit. and Sci. Inst., 302, Walworth Rd.	Parry, P. - -	5	..	4	..	3	..	..	..
			Brockwell, P. -								
4579	Westminster Bridge Road	Messrs. Maudslay, Sons, and Fields' School Room.	Busbridge, W. -	..	8	..	..	..	..	..	..
4524	„ -	Yorkshire Socy's. Sch.	Stocks, W. W. -	..	..	..	..	10	..	..	18
			Spence, T. E. J.								
4528	Woking - -	Westfield Sch., Westfield.	Downes, G. W. -	..	..	4	..	..	..	..	..
	SUSSEX.										
4603	Brighton -	Sch. of Sci. and Art, Grand Parade.	Jago, W. - -	7	15	39	..	11	9	14	3
			Alderton, W. M. - -								
			Alderton, H. -								
			Barnett, T. D. -								
			Edmonds, H. -								
			Fisher, A. -								
			Grace, F. - -								
			Martin, W. -								

* For session 1880-81.

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
16	..	..	..	..	..	..	16	..	..	..	..	..	..	..	5	41	—	88 0 0
19	16	..	..	..	..	..	3	..	..	..	..	..	..	..	13	..	—	58 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	6	..	..	..	1	..	..	..	..	..	..	..	..	2	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	29 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	3 0 0
32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	..	—	45 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	20 0 0
7	1	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	31 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	17 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
10	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	19 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	—	40 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
8	13	29	..	25	7	..	4	12	3	..	7	..	..	15	..	..	—	221 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.
		SURREY—*cont.*		£	£	£	£	£	£	£
4603A	Brighton	Board Sch., Haddington Street, Hove.	Fisher, A. Beckett, F. G.	..	..	5	..	..	..	..
4604	"	Central Nat. Sch., 106, Church St.	Blackman, A.	..	..	..	..	3	..	..
4611	Hastings	Sch. of Sci. and Art, Claremont.	Cole, T. H. Cooper, W. Selden, R. J. Sullivan, M. Cheshire, H. F. Cole, P. M. F.	2	..	12	..	3	..	..
4618	Midhurst	Gram. Sch., North Street.	Byatt, H.	..	..	..	..	..	..	..
		WARWICKSHIRE.								
4702	Birmingham	Bloomsbury Inst.	Ballard, W. J. Harper, E. Jackson, M. Whitehouse, W.	9	2	7	..	..	..	..
4741	"	Newhall Hill Sch.	Bailey, A. J.	..	..	..	..	..	..	..
4705	"	Blue Coat Sch.	Dunn, G. S.	..	..	..	..	..	..	..
4706	"	Brit. Sch., Severn Street.	Shorthouse, E.	..	25	..	..	..	..	..
4711	"	Francis Rd. Sci. Sch., Edgbaston.	Turner, J.	..	..	..	..	..	..	..
4738	"	Mid. Class Sch., Priestley Road, Camphill, Sparkbrook.	Stansbie, J. H.	..	..	..	..	..	..	..
4713	"	Friends' Bible Mission, Severn St.	Turner, J. Kidson, E.	..	..	..	..	11	..	..
4714	"	King Edward's Lower Middle Sch., Edward St.	Temperley, J. Lane, T.	..	..	..	..	..	..	..
4794	"	Gem Street Sch.	Sawyer, R. J.	..	..	..	..	..	..	..
4716	"	Hurst St. Sch.	Turner, J.	..	..	..	..	..	..	..
4722	"	Inst., Howard St.	Wigley, T. B. Teague, W. N. Stansbie, J. H.	..	4	4	..	..	..	..
4760	"	Oozells Street Bd. Sch.	Harrison, W. J.	..	..	..	..	..	..	..
4796	"	Bd. Sch., Allcock Street.	Harrison, W. J. Bedford, E. J.	..	..	..	..	..	..	..
4737	"	St. Clement's Sch., High Park Street.	Ginks, J. R.	..	..	..	..	..	..	..
4756	"	High Sch., Birchfield Road.	Hiorns, A. H. Cox, A. W.	..	1	..	..	..	..	2
4723	"	Board Sch., Farm Street.	Clarke, C. Baker, T. J.	..	..	..	..	..	..	..
4724	"	Midland Inst., Paradise St.	Carter, A. H. Oliver, J. W. Woodward, C. J. Hiorns, A. H. Shilton, A. J. Dunn, G. S. Jones, W. Cresswell, A. Clarke, C.	1	..	..	..	..	2	12
4724A	"	Bd. Sch., Bristol Street.	Clarke, C. Baker, T. J.	..	..	..	..	..	..	..
4726	"	Cornwall Works, Rabone Lane, Soho.	Cox, A. W.	2	4	..	..	..	..	..
4728	"	Bd. Sch., Stewart Street.	Hiorns, A. H.	..	..	..	..	..	..	..
4795	"	Nelson Street Bd. Sch.	Blake, A.	..	..	..	..	..	..	..
4755	"	Board Sch., Elkington Street.	Stansbie, J. H. Clarke, C.	..	..	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	10 0 0
4	..	..	..	..	3	..	..	9	..	..	..	..	..	..	..	..	—	40 0 0
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
3	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	24 0 0
..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	4 0 0
51	28	..	..	..	..	..	40	..	..	..	..	..	..	..	..	..	—	119 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	25 0 0
28	12	..	..	..	..	..	20	..	..	..	6	..	..	..	..	..	—	77 0 0
3	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	4 0 0
13	4	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	—	35 0 0
53	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	83 0 0
..	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
27	..	..	..	..	..	..	14	..	..	..	..	..	..	..	17	..	—	58 0 0
3	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
..	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	46 0 0
20	..	..	..	..	..	..	35	..	..	..	..	..	..	..	..	..	—	55 0 0
11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
11	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	19 0 0
8	8	..	..	..	..	..	8	..	..	..	3	..	..	..	8	..	—	42 0 0
37	56	52½	3	7	47	9	36	27	..	..	12	..	..	..	18	..	—	339 10 0
12	8	..	..	..	..	..	9	..	..	..	6	..	..	..	..	..	—	41 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	—	8 0 0
12	10	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	—	34 0 0
..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	—	6 0 0
16	6	..	..	..	..	..	9	..	..	..	11	..	..	..	.	..	—	50 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
		WARWICKSHIRE—*cont.*		£	£	£	£	£	£	£	£
4793	Birmingham	Bd. Sch., Hospital Street.	Clarke, C. Stansbie, J. H.	..	..	..	..	..	..	..	18
4727	„	Moseley Road Bd. Sch.	Jackson, E. Whitehouse, W. H. Baker, S., jun.	..	..	..	..	..	..	..	9
4744	„	Sch. of Sci. and Art, Midland Inst., Paradise Street.	Causer, W. G.	9	10	3	..	..	..	..	..
4744A	„	Bd. Sch., Bristol Street.	Cox, A. W.	5	2	2	..	..	..	..	..
4746	„	Board Sch., Osler Street.	Cox, A. W.	1	3	3	..	..	..	..	..
4748	„	Smith Street Sch.	Cox, A. W.	1	11	2	..	..	..	..	..
4749	„	Moseley Road Bd. Sch.	Cox, A. W.	1	1	4	..	..	..	..	..
4762	Coventry	St. Peter's Nat. Sch.	Bates, J. I.	..	..	..	..	..	..	..	..
4763	„	Sch. of Sci. and Art, Ford Street.	Bates, J. I. Heap, C. J.	..	..	..	..	10	..	..	5
4770	Leamington	Sch. of Sci. and Art, 29, The Parade.	Sturgeon, W.	1	1	3	..	..	..	..	..
4776	Rugby	Inst., High Street	Phillips, W.	..	..	..	..	..	..	..	..
		WESTMORELAND.									
4801	Kendal	Sch. of Sci. and Art, New Road.	Bateman, J.	..	..	..	..	3	..	..	8
		WILTSHIRE.									
4940	Calne	Lit. Inst., Church Street.	Wallis, F. W.	..	..	3	..	..	..	..	..
4901	Devizes	Sch. of Sci. and Art, Assize Courts.	Coles, W. C.	3	2	..	..	..	..	..	..
4905	Melksham	Brit. Sch., Lowbourne Road.	George, T.	..	..	..	..	..	..	..	..
4907A	„	Parish Room	House, W. H.	..	..	..	..	..	..	..	..
4913	Salisbury	Sch. of Sci. and Art, Hamilton Hall.	Harris, J.	3	4	4	..	..	..	..	..
4919	Swindon	Gt. Western Railway Works, Bristol Street, and High Street.	Newman, J.	..	..	..	..	..	..	..	4
4920	„	Gt. Western Railway Sch., Sanford Street.	Williams, J. Dedman, J. C.	..	..	..	..	..	..	..	..
4921	„	Board Sch., College Street.	Newman, J. Riley, E. C. Hogarth, T. O. Chirgwin, R. I. Apted, F.	16	29	..	..	7	11	17	..
		WORCESTERSHIRE.									
5004	Bewdley	The Inst., Load Street.	Burton, J. R.	..	..	..	..	..	..	..	..
5003	Bewdley and Wribbenhall.	Wkg. Men's Inst., Brit. Sch.	Birtwistle, J.	..	..	..	..	..	..	..	..
5085	Blackheath	Nat. Sch., Long Lane.	St. John, G.	..	..	..	..	..	..	..	..
5014	Dudley	Mech. Inst., Wolverhampton St.	Holbrook, G. W. H. Whitehouse, W. Bagshaw, W. Billingham, O.	..	4	..	..	8	..	2	11
5015	„	Mid. Class Sch., Kate's Hill.	Burton, E.	..	..	..	..	3	..	..	..
5017	„	School of Sci. and Art, Upper King Street.	Jones, D.	..	6	..	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
25	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	51 0 0
18	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	28 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	22 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	20 0 0
19	14	..	..	..	12	..	7	..	..	..	..	..	..	..	8	..	—	75 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	7 0 0
13	16	32	4	3	..	..	9	3	..	..	..	..	..	..	..	..	—	91 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	9	..	..	..	..	..	..	..	8	..	—	17 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	—	101 0 0
..	8	3	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	16 0 0
..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	—	6 0 0
11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
11	30	30	..	..	..	..	14	..	..	..	3	..	..	4	..	..	—	117 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
		WORCESTERSHIRE—*cont.*		£	£	£	£	£	£	£	£
5030	Kidderminster	Sch. of Sci. and Art, Commercial Buildings, Exchange St.	Tucker, W.	8	1	..	..	..	..	..	..
5034	King's Heath	Inst.	Taylor, J. L.	..	2	..	..	..	..	..	..
5039	North Malvern.	Nat. Sch.	Allberry, E.	..	..	..	..	..	..	..	..
5040	Oldbury	Nat. Sch.	Spencer, P.	..	1	..	..	..	..	..	..
5043	„	Independent Sch., Talbot Street.	Hewitt, J.	..	3	..	..	..	..	1	..
5050	Redditch	Nat. Sch., Peakman Street.	Evans, T.	..	..	..	..	1	..	..	..
5064	Worcester	Brewers' Mid. Sch., Edgar St.	Brewer, S. B.	..	..	..	..	..	..	..	..
5065	„	Free Grammar Sch., The Tything.	Potts, J. Bale, F. Farr, S. Sutton, W.	..	..	..	..	..	3	..	..
5072	„	Ladies' College, Thornloe House, Barbourne.	Edwards, H. C. A.	..	..	..	..	..	..	..	..
5066	„	Upper and Middle Class Sch., Infirmary Walk.	Craddock, E. Joseph, J.	..	..	..	..	1	..	..	..
5070	„	St. Stephen's Nat. Schs., Ombersley Road, Barbourne.	Craddock, E.	..	..	..	..	1	..	..	..
		YORKSHIRE.									
5555	Allerton	Congregational Ch. Sch.	Riley, W.	..	..	..	..	..	..	..	..
5105	Armley	Church Sch., Wesley Road.	Jones, A. Hullah, A.	2	9	6	..	..	..	3	..
5110	Barnoldswick	Mech. Inst.	Lancaster, J.	..	..	..	..	..	..	..	6
5124	Batley	Board Sch., Park Road.	Cryer, T. Heaton, T. T.	..	13	..	..	..	..	..	..
5125	„	Gram. Sch.	Calvert, L. S. Cormick, W. T. Moore, E. E. T.	..	..	..	..	..	8	..	..
5119	Beverley	Baptist School Room, Well Lane.	Smith, J. W.	..	..	4	..	..	..	..	..
5120	Bingley	Mech. Inst., Main Street.	Severs, G. Foulds, J. Tomlinson, S.	4	..	..	..	..	..	..	10
5122	Birstall	Commercial Sch., High Street.	Patchett, I. Halliday, C. W.	..	..	..	..	4	1	..	15
5126	Bradford	All Saints' Sch., Little Horton Green.	Singleton, H.	..	..	..	..	..	..	..	..
5127	„	Boro' West Sch., Sterling Street, Manchester Rd.	Potter, T. Haley, S.	..	..	..	..	3	2	..	..
5146	„	The Studio, 65, Beamsley Road, Frizinghall.	Smith, D.	1	..	..	..	..	..	..	..
5136	„	High Sch., Springfield Place, Manningham Lane.	Watson, M. Watson, C. A.	..	..	..	..	..	..	..	..
5140	„	Board Sch., Feversham Street.	Jagger, W.	..	..	..	..	12	..	..	..
5148	„	Board Sch., Belle Vue, Manningham.	Lishman, R.	..	..	..	..	3	..	..	..
5141	„	Mannville Sch., Horton Road.	Harrison, J. Crebbin, A.	..	..	..	..	1	..	..	..

ations in Science—*cont.*

X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	1	..	..	..	..	..	..	..	4	..	—	10 0 0
..	..	..	..	..	5	..	..	..	..	..	..	..	4	..	—	24 0 0
13	..	..	..	..	..	..	..	..	..	..	..	..	..	13	—	41 0 0
..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	—	59 0 0
..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	9	..	..	..	..	..	..	..	16	..	—	25 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	20 0 0
..			..	..	11							7		14	—	47 0 0
..			..	..											—	13 0 0
..			..	..										15	—	37 0 0
..			..	..											—	4 0 0
15			..	..	6	19								6	—	72 0 0
36	6	41	..	..									8		—	157 0 0
..			..	..											—	4 0 0
..			..	..											—	5 0 0
..			..	..											—	1 0 0
..			..	..											—	1 0 0
..			5	..											—	17 0 0
..			..	..											—	18 0 0
..			..	..	8										—	31 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	YORKSHIRE—*cont.*			£	£	£	£	£	£	£	£
5129	Bradford	Sch. of Sci. and Art, Church Inst., North Parade.	Johnson, J. B. Johnson, H. A.	..	..	..	..	..	..	..	..
5133	„	Sch. of Sci. and Art, Mech. Inst., Bridge Street.	Gornall, H. Harrison, J. Hardcastle, W. Tate, T. Leadley, L. Hick, T. Severs, G.	8	8	10	..	9	..	2	13
5138	„	Sch. of Sci. and Art, Gram. Sch., Manor Row.	Steel, R. E.	..	..	..	..	..	..	..	11
5151	Bramley	Wes. Sch., Town Street.	Tomlin, J.	..	..	..	..	1	..	..	..
5158	Brighouse	Mech. Inst.	Clarke, A. Dodgson, G. H. Littlewood, J. A. Heaton, J.	..	..	3	..	..	..	..	..
5164	Calverley	Ch. Inst., Thornhill Street.	Chester, J. Cowling, R.	..	..	..	..	2	..	..	..
5163	„	Mech. Inst., Thornhill Street.	Cowling, R.	..	..	..	..	..	..	..	..
5172	Cleckheaton	Mech. Inst., Northgate.	Cowling, R.	..	..	..	..	..	..	..	..
5172A	„	Mech. Inst., Market Place.	Birkby, J.	..	1	..	..	..	..	..	..
5166	„	Nat. Sch., Church Street.	Blamires, G.	..	2	..	..	..	..	..	..
5170	Cottingley	Mech. Inst., Town Hall, Main St.	Lilley, L.	..	..	4	..	..	..	..	..
5173	Crosshills	Temperance Hall, Mid. Sch.	Metcalfe, G. U.	..	..	..	..	..	..	..	..
5175	Denholme	Mech. Inst., John Street.	Bartle, C.	..	..	..	..	..	..	..	..
5178	Dewsbury	Mech. Inst., Ch. Street.	Heaton, T. T. Cryer, T. Patchett, I. Halliday, C. W. Tate, T. Lineham, W. J.	2	8	3	..	2	..	10	..
5180	Doncaster	Great Northern Railway Schs.	Branston, Z. Hunter, H. L.	..	22	..	..	3	..	..	..
5182	„	Young Men's Chris. Assoc., Cleveland Street.	Cowley, J.	..	..	..	..	..	..	..	..
5183A	Driffield (Gt.)	Ch. Inst. Room, Exchange St.	Paterson, S. T.	..	..	..	..	..	..	..	..
5187	Earby	Victoria Inst.	Windle, T.	..	..	..	..	..	..	..	9
5188	Eccleshill	Mech. Inst., Stone Hall.	Thornton, J. D.	..	..	..	..	..	..	..	..
5189	Elland	Bd. Sch., South End	Sykes, E.	..	8	..	..	3	1	2	..
5189A	„	Grace Ramsden's Endowed Sch.	Akroyd, B. Jowett, G. T.								
5189B	„	Brooksbank Sch., Westgate	Smith, M. H.								
5193	Farsley	Wes. Sch.	Cryer, T.	..	8	..	..	..	..	5	..
5193A	„	Mech. Inst.	Lineham, W. J.								
5511	Goole	Bd. Sch., Alexander Road.	Doughty, A.	..	..	..	..	..	..	..	..
5199	Great Ayton	North of England Agricultural Sch.	Thistlethwaite, W.	..	..	..	..	1	..	..	..
5201	Great Horton	Nat. Sch., Southfield Lane.	Clark, J.	..	1	..	..	..	..	..	..
5206	Greetland	West Vale Mech. Inst.	Akroyd, B.	..	..	..	..	..	..	..	..

aminations in Science—*cont.*

X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
7	12½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	19 10 0
5	17	3	11	16	..	10	14	..	..	..	..	..	5	20	..	—	161 0 0
13	8	4	..	..	..	..	..	..	..	..	..	..	..	3	..	—	42 0 0
..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	5 0 0
5	2½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 10 6
2	3½	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	12 10 9
2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
7	12½	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	24 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	—	22 0 0
13	20½	1	14	5	..	3	..	..	..	..	..	..	6	5	..	—	93 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	25 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	9 0 0
9	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	23 0 0
9	5	..	..	..	..	4	..	..	..	..	..	..	..	13	..	—	45 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
6	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	26 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	YORKSHIRE—*cont.*			£	£	£	£	£	£	£	£
5207	Guisborough	Workmen's Club and Mech. Inst., Westgate St.	Taylor, R.	..	..	..	..	..	..	..	..
5208	Guiseley	Mech. Inst., Town Hall.	Wilson, W.	..	..	..	..	..	..	..	..
5210	Halifax	Mech. Inst.	Law, R. Smith, M. H. Tattersall, A. Akroyd, B.	..	6	..	..	2	..	4	..
5214	„	Crossley Orphan Home and Sch.	Barber, W. C. Collins, A. L. Cockett, F. B.	..	..	..	..	..	..	..	11
5216	„	Ch. Inst., King Cross St.	Young, Rev. J.	..	..	..	..	2	..	..	..
5224	Harden (near Bingley).	Ch. Sch., Brow	Wild, W.	..	..	4	..	..	..	..	..
5225	Harthill	Bd. Sch.	Marples, H.	..	..	..	..	..	..	..	4
5228	Haworth	Bd. Sch., Lees	Mitchell, J.	..	..	..	..	4	..	..	5
5234	Hebden Bridge	Mech. Inst., Bd. Sch., School St.	Kershaw, T. Law, R. Stenhouse, T. Parker, J.	9	5	..	..	..	..	..	..
5237	Heckmondwike.	Board Sch., Battye Street.	Patchett, I. Halliday, C. W.	..	..	..	..	..	..	..	..
5244	Heptonstall	Mech. Inst., Broadstone.	Sutcliffe, H.	..	..	..	..	..	..	..	..
5239	„	Bd. Sch., Smithwell Lane.	Bates, T.	..	..	..	..	..	..	..	..
5243	Hessle	Nat. Sch.	Gibson, W. H. Woodford, F.	..	..	6	..	..	..	..	..
5240	Holbeck	Mech. Inst.	Robinson, W. L. Martin, H. J.	..	7	..	..	3	..	2	..
5241	„	Industrial and Co-operative Soc. Rooms, People's Hall, Marshall St.	Cryer, T. Lineham, W. J.	..	6	..	..	1	..	13	..
5253	Huddersfield	St. Peter's Par. Sch., Lord St.	Allott, J.	..	..	..	..	..	..	..	..
5254	„	Sch. of Sci. and Art, Mech. Inst.	Gardiner, A. Jarmain, G. Kershaw, T. Allott, F. W. Bairstow, U. Vickers, R. Joll, B.	13	12	8	..	3	..	..	7
5271	Hull	Church Inst., Albion Street.	Boardman, E. Brackenbury, J. West, T. J. Somerscales, A. N.	..	2	..	..	..	..	9	9
5272	„	Navigation Sch., Princes Dock Side.	Scaping, Z.	..	..	..	..	5	..	..	..
5273	„	Royal Inst., Albion Street.	Read, J. Simpson, A. Smith, J. W. Robinson, G. C. Menzies, J.	8	17	11	..	6	..	..	..
5274	„	Young People's Christian and Lit. Inst., 2, Charlotte Street.	Boardman, E. Elliott, W. D. Smith, J. W. Read, J. Spafford, C. S. Somerscales, A. N. West, J. Oliver, J. Y. Cass, J. T. Somerscales, F.	4	16	20	4	25	..	6	13

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ *s.* *d.*	£ *s.* *d.*
..	..	..	..	..	2	..	3	..	..	..	..	..	..	..	..	..	—	5 0 0
13	8	17	3	2½	..	..	..	..	..	..	..	..	..	..	..	8	—	51 10 0
..	11	16	..	..	6	..	8	..	..	..	..	..	..	..	..	..	—	53 0 0
..	..	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	—	27 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
6	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	20 0 0
14	2	..	..	..	9	..	..	..	..	..	..	..	..	..	12	..	—	51 0 0
..	6	..	10	..	..	..	..	..	..	..	..	..	..	..	1	..	—	17 0 0
..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	—	12 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	21 0 0
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	—	23 0 0
..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
35	18	30½	..	..	..	..	6	8	..	..	..	..	..	..	7	..	—	147 10 0
14	..	..	..	..	..	..	..	7	..	..	..	..	..	10	5	27	—	83 0 0
..	..	..	..	..	..	..	..	..	..	..	..	67	44	..	..	..	—	116 0 0
6	17	52½	14	8½	..	..	..	..	..	..	..	..	..	17	..	..	—	157 0 0
18	9	6	..	..	..	..	1	9	..	..	..	..	..	15	14	..	—	162 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
	YORKSHIRE—*cont.*			£	£	£	£	£	£	£	£
5425	Sheffield	Mech. Inst., Tudor Street.	Arnold, J. O. Pepper, W. T. Smethurst, H. Bennett, C.	..	4	..	..	2	..	..	..
5435	„	Nat. Sch., Parliament Street.	Abbott, T.	..	..	..	..	..	..	..	..
5436	„	Central Board Sch., Orchard Lane.	Ripper, W. McBean, A. F. Taylor, J. E. Ford, G. Rose, S. B. Carr, B. Baxter, F.	..	41	..	..	65	..	..	..
5437	„	Board Sch., Langsett Road.	Ping, W. Ford, G.	..	..	..	..	4	..	..	..
5428	„	Attercliffe Bd. Sch., Baldwin Street.	Cook, J. T. Farnsworth, E.	..	6	..	..	..	..	..	..
5427	„	Sch. of Sci. and Art, Arundel St.	Cook, J. T. Turner, T.	13	5	12	..	..	..	..	..
5395	Shipley	Sch. of Sci. & Art, Salt Schs.	Renard, E. Slatter, G. W.	3	..	2	..	3	..	..	..
5445	Skinningrove	Miners' Inst.	Taylor, R. Forrest, T.	..	..	..	..	..	..	..	10
5446	Skipton	Mech. Inst., Sheep Street.	Haigh, J. Shuttleworth, W. T. Hewerdine, H.	7	3	5	..	..	..	..	..
5454	Stanningley	Mech. Inst., Town Street.	Cryer, T. Jackson, T.	..	13	..	..	..	..	..	..
5457	Tadcaster	Gram. Sch.	Callum, W.	..	..	..	..	5	..	..	6
5463	Thorne	Brooke's Gram. Sch.	Constable, J. Chalk, W.	..	..	..	..	4	..	3	..
5465	Thornton (near Bradford).	Mech. Inst., Market Street.	Halliday, C. W.	..	..	..	..	..	..	..	..
5185	Uppermill	Mech. Inst., Court Street.	Hayes, T. Bottomley, J. Whitehead, H.	6	4	3	..	2	1	..	..
5469	Wakefield	Trinity Par. Rooms, George Street.	O'Bennett, T.	..	..	..	..	..	..	..	..
5530	„	Lancasterian Sch., Margaret Street.	Wilson, H. Knight, A.	..	..	..	..	..	..	..	..
5531	„	Mech. Inst., Wood Street.	Cryer, T. Jackson, T. Tate, T.	..	6	..	..	..	..	6	..
5471	„	Sch. of Sci. and Art, Bell St.	Swire, J.	..	..	11	..	..	..	..	..
5481	Welton (near Brough).	Boys' Sch.	Boardman, E.	..	..	..	..	..	..	..	..
5478	Wilsden	Mech. Inst., Main Street.	Bartle, C.	..	..	..	..	..	..	..	..
5414A	Wincobank	St. Thomas' Nat. Sch.	Creswick, A. H.	..	4	..	..	..	..	..	..
5485	Wombwell (New).	Bd. Sch., High St.	Sellars, G. Oxley, C. H.	..	1	..	..	..	..	..	..
5484	„	Bd. Sch., Barnsley Road.	Washington, M.	..	..	..	..	..	..	..	..
5482	Wortley	Working Mens' Inst., Lower Wortley.	Petty, J.	..	..	..	..	3	..	..	..
5483	„	Zion Sunday Sch., Whitehall Road, New Wortley.	Cryer, T.	2	6	..	..	..	..	..	..
5486	Yeadon	Mutual Improvement Soc., New Town Hall, and Mech. Inst.	Cowling, R.	..	..	..	..	..	..	..	..
5493	York	British Sch., Hope Street.	Manton, G. Petty, R.	..	..	..	..	3	..	..	..

aminations in Science—*cont.*

X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
17	11½	..	..	..	..	3	..	..	..	..	..	..	..	4	..	—	50 10 0
..	..	..	..	..	..	3	..	..	..	..	..	..	..	8	..	—	11 0 0
108	81½	..	..	..	..	7	..	..	..	..	..	..	7	..	..	—	319 10 0
..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	—	9 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	30 0 0
19	46	..	..	..	..	5	..	..	..	..	..	..	..	..	18	—	96 0 0
14	..	..	..	..	..	..	..	..	5	..	..	..	..	6	..	—	39 0 0
..	..	..	..	..	..	5	..	..	..	..	..	..	..	6	..	—	26 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	—	16 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	—	11 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	6	7	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	6	..	..	..	..	..	..	..	..	..	11	..	—	29 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	2	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	16 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	—	16 0 0
..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	8 0 0
..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	—	8 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
		YORKSHIRE—*cont.*		£	£	£	£	£	£	£	£
5489	York - -	Sch. of Sci. and Art, Inst., St. Saviour Gate.	Windass, J. - Gough, T. - Spencer, H. E. - Weeks, F. H. - Keeping, W. -	2	1	..	..	..	..	..	..
5494	„ - -	Sch. of Sci. and Art, Minster Yard.	Kean, J. A. - Fall, G. -	3	2	15	..	..	..	..	..
			WALES.								
		NORTH WALES.									
7303	Denbigh -	Gram. Sch., Park Street.	Edwards, S. -	..	..	..	..	7	1	..	..
5688	Dolgelly -	Dr. Williams' Girls' Sch.	Armstrong, E. - Baxter, A. -	..	..	..	..	..	..	..	..
7351	Llanfairfechan	Nat. Sch. - -	Griffith, J. R. -	..	..	..	..	4	..	..	..
7352	„ -	Maldwyn House -	Hughes, E. -	..	..	..	..	..	..	..	..
7314	Llanrwst -	Gram. Sch. - -	Coombs, J. H. - Farr, J. J. -	..	..	..	..	6	..	..	..
5638	Machynlleth -	Nat. Sch., Doll St.	Blackwall, G. E.	..	..	..	..	2	..	..	..
5639	Mallwyd -	Ch. of Eng. Sch., Minllyn.	Jones, J. - - Waymouth, F. J. - - - Evans, R. -	..	..	..	..	..	..	..	..
5659	Penygroes -	Board Sch. - -	Williams, T. V. Williams, G. -	..	..	..	..	4	..	..	..
5663	Rhyl - -	Town Hall, Queen Street.	Davies, M. H. - Williams, A. M.	..	..	..	..	..	..	..	..
5678	Towyn - -	Brynarvor Hall Sch.	Smith, J. H. -	..	..	..	..	4	..	..	..
5689	Trawsfynydd	Brit. Sch. - -	Owen, W. W. -	..	..	..	..	2	..	..	..
		SOUTH WALES.									
7312	Aberaman (near Aberdare).	Brit. Sch. - -	Jones, D. - -	..	..	..	..	..	..	..	..
5602c	Aberdare -	Cwmbach Board Sch., Bridge Rd.	Keast, A. - -	..	..	..	..	..	..	..	..
5602b	„ -	Hirwain Bd. Sch., Brecon Road.	Lewis, D. M. -	..	..	..	..	..	..	..	2
5606	Aberystwyth -	Bd. Sch., Lewis Terrace.	Bradbury, J. -	..	..	..	..	2	..	..	..
7341	„ -	Sch., Ardwyn -	Macpherson, J. R. - - - Keen, A. - -	..	..	..	..	1	..	..	12
7302	Brecon - -	Memorial Coll., Camden Road.	Rowlands, D. -	..	..	..	..	7	3	..	..
7340	„ - -	Mid. Class School, Lion Street.	Butcher, T. -	..	..	..	..	6	..	..	..
7311	Bridgend -	Bd. Sch., Union St.	Millard, G. -	..	..	..	..	..	..	..	..
5621	Burry Port -	Copper Works Bd. Sch.	Chard, H. - -	..	..	..	..	5	..	..	..
5614	Cardiff - -	Sch. of Sci. and Art, Royal Arcade, St. Mary St.	Bush, J. - -	9	11	12	..	7	4	5	..
7304	„ - -	Battersea House, 10, Glossop Terr.	Seward, W. -	..	..	..	..	..	..	..	..
5619	Carmarthen -	Sch. of Sci. and Art, Parade Rd.	Jones, W. - -	..	..	2	..	..	..	..	..
5674	Landore -	Siloh Sch. - -	Molison, A. R. -	..	..	..	..	..	..	9	..
5680	Llanarth -	Board Sch. - -	Rees, J. E. -	..	..	..	..	9	..	..	..
5626	Llandovery -	Brit. Sch., Stone Street.	Thomas, D. S. -	..	..	..	..	5	..	..	10
5627	„ -	The College - -	Judson, T. H. -	..	..	..	..	..	..	..	..
5633	Llanelly -	Board Sch., Park Street.	Pedley, W. -	..	..	..	..	..	..	..	..

tions in Science—*cont.*

A.F.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
139 12	3	6½	..	..	4	..	..	..	4	..	..	30	13	..	—	501 5 5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	6	..	..	..	..	..	..	..	11	..	—	24 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	23 0 0
½	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	23 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	29 0 0
.	..	..	..	..	3	..	..	..	..	..	..	..	..	11	—	22 0 0
0½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	34 10 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	6	—	15 0 0
.	..	..	..	..	7	..	..	..	..	..	..	..	8	..	—	15 0 0
.	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	14 0 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
.	..	..	..	..	5	..	..	..	..	..	..	..	5	..	—	28 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
.	..	..	..	..	..	7	..	..	..	..	..	..	..	..	—	7 0 0
.	..	..	..	..	9	..	..	..	..	..	..	..	..	..	—	9 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
.	..	..	..	..	7	..	..	..	..	..	..	..	6	..	—	43 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
5629	Llanelly	Mr. Linn's Sch., near the Park.	Morris, J.	..	..	..	..	..	..	..	..
7332	„	Copper Works Sch.									
5631	„	Nevill Memorial Rooms, Athenæum, Vaughan Street	Jones, J. E. Jones, A. Morgan, D. Smith, J.	13	6	3	..	19	..	..	..
5632	„	Young Ladies' Establishment, Goring Street	Francis, D.								
5635	Loughor	Nat. Sch., Upper Town.	Harris, J.	..	..	..	..	..	..	..	..
5640	Maesteg	Llynvi Ironworks, Brit. Sch., Commercial Street.	Glover, W.	..	..	..	..	..	..	..	..
5673	„	British Sch., Castle Street.	Roberts, T. L.	..	..	..	..	2	..	..	2
5641	Merthyr Tydfil	Abermorlais Bd. Sch.	Lyons, M. J.	..	..	..	..	9	..	..	5
5643	„	Penydarren Bd. Sch.	Lyons, M. J.	..	..	..	..	..	..	..	..
5684	„	High Street Sch., Dowlais.	Lyons, M. J.	..	..	..	..	4	..	..	..
5648	Mountain Ash	Duffryn Boys' Sch., Commercial St.	Swinnerton, J.	..	..	..	..	..	..	..	..
5675	Neath	Mech. Inst., Church Place.	Teague, T. Lewis, G. P. Terrill, W. Molison, A. R.	..	6	..	..	7	..	..	4
5650	New Quay	Board Sch., near Glanrhyd.	Lloyd, T.	..	..	..	..	3	..	..	..
5679	„	Grammar Sch., Towyn.	Hughes, C. J.	..	..	..	..	5	..	..	..
5651	PembrokeDock	Board Sch., Albion Square.	Williams, W.	..	..	..	..	24	..	..	..
5653	„	Nat. Sch., Victoria Street.	Nash, O. S. Adams, T.	..	..	..	..	84	..	..	..
5697	Pontardawe	Odd Fellows' Hall	Jenkins, G.	..	..	..	..	..	..	..	..
5654	Pontardulais	Board Sch.	Roberts, J.	..	..	..	..	..	..	..	..
5655	„	Tin Plate Works Sch., Hendy.	Jones, D.	..	..	..	..	..	..	..	..
5665	Swansea	Royal Inst., Burrows.	Molison, A. R. Terrill, W.	..	..	..	..	..	..	..	2
5666	„	Parochial School, Oyster Mouth Rd.	Harris, J. Harris, D. Harris, B.	..	..	..	..	..	..	..	..
5669	„	St. Helen's Board Schs., Vincent St.	Schleswick, L.	..	..	..	..	8	..	..	..
7317	„	Oxford St. Chapel, Sch. Room, New Oxford St.	Harris, J. Harris, D.	..	..	..	..	..	..	..	..
7318	„	Unitarian School Room, High St.	Morris, J.	..	..	..	..	..	..	..	..
7343	Taibach	Boys' Sch., High Street.	Harris, J.	..	..	..	..	..	..	..	..
5681	Tondû	Iron Works Brit. Sch.	Humphrys, R.	..	..	..	..	..	..	..	..
5671	Treherbert	Brit. Sch., Dumfries Street.	Jones, M. O.	..	..	..	..	..	..	..	..
7350	Ystalyfera	Board Sch., Cwmtwrch.	Davies, T.	..	..	..	..	5	..	..	..
	Total for England and Wales			1608	2343	2157	92	2762	588	1002	2194

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	11½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 10 0
22	12	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	—	90 0 0
14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	—	18 0 0
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	—	21 0 0
..	..	..	..	..	5	..	..	17	..	..	..	..	..	..	..	22	—	48 0 0
16	..	..	..	..	..	..	10	..	..	..	..	..	..	..	7	..	—	47 0 0
..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
24	..	..	.	..	2	..	..	11	..	..	..	..	..	..	..	..	—	37 0 0
8	11	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	—	48 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	24 0 0
..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	91 0 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	6	—	13 0 0
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	1 0 0
6	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	—	7 0 0
18	19	..	..	..	..	..	..	..	..	..	21	..	..	..	..	..	—	55 0 0
7	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	—	12 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	20 0 0
.	..	..	..	..	6	..	..	..	..	..	..	..	..	..	5	14	—	25 0 0
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Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
			SCOTLAND.								
	NORTH SCOTLAND.			£	£	£	£	£	£	£	£
5704	Aberdeen -	St. John's Epis. Sch., Crown Terrace.	Thompson, W. -	..	..	..	..	..	..	..	..
5705	Aberdeen -	Robert Gordon's College, School Hill.	Ogilvie, A. - / McKenzie, J. - / McLellan, B. S. / Ogilvie, F. G. - / McRobert, A. - / Dale, J. -	..	..	..	..	..	11	..	..
5706	„ -	Boys' and Girls' Hospital, King Street Road.	Barnett, J. C. -	..	..	..	..	..	..	..	..
5708	„ -	Sch. of Sci. and Art, Mech. Inst., 17, Market Street.	Ogilvie, F. G. - / Fraser, J. P. - / McRobert, A. - / Turriff, G. -	5	20	13	..	4	..	23	3
5712	„ (Old)	Dr. Bell's Sch., School Road.	Roger, J. - -	..	..	..	..	..	..	..	..
5722	Aberlour -	PublicSch.,Charlestown.	Miller, D. G. -	..	..	..	..	10	..	..	..
5732	Ballater - -	Public Sch. - -	Duguid, A. E. -	1	..	4	..	..	..	..	..
7662	Banchory Devenick.	Public Sch., Portlethen.	Ritchie, W. A. -	..	..	..	..	..	..	..	..
7668	Benbecula (Island of).	Lady Gordon Cathcart's Schs.	Tyffe, J. J. -	..	..	..	..	..	..	..	..
5739	Burghead -	Public Sch., Grant Street.	Sutherland, C. H.	..	..	..	..	..	..	..	3
5994	Dingwall -	Public Sch., Tullock Street.	Morrison, W. - / Bruce, W. -	..	..	..	..	..	..	..	..
5752	Duffus - -	Public Sch. - -	Wilson, J. - -	..	..	..	..	2	..	..	..
5802	Elgin - -	Sch. of Sci. and Art, Epis. Sch., North Street.	Thirde, W. C. -	8	1	5	..	..	..	..	..
5950	Fintray - -	Public Sch. - -	Boyd, H. - -	..	..	..	..	..	..	..	3
5957	Fort William	Public Sch. - -	Livingston, C. -	..	..	..	..	..	..	..	6
5808	Fraserburgh -	Mid Street Acad. -	Macgill, W. -	..	..	..	..	2	..	..	..
5856	Hopeman -	Public Sch. - -	McGregor, W. -	..	..	..	..	..	..	..	..
5949	Inverkindie -	Public Sch., Towie	Bisset, J. - -	..	..	..	..	..	..	..	..
5864	Inverness -	Sch. of Sci. and Art, New Museum and Free Library Buildings, Castle Wynd.	Smart, P. H. -	..	..	..	..	..	..	..	..
7645	„ -	Raining Sch., Barn Hill.	MacBain, A. -	..	..	..	..	1	..	..	..
5870	Keith - -	Pub. Sch., Old Keith	Grant, J. - -	..	..	..	..	15	..	..	..
5961	Kemnay -	Public Sch. - -	Proctor, G. -	..	..	..	..	..	..	..	..
5980	Kincardine O'Neil.	Public Sch., School Road.	Mackay, G. M. -	..	..	..	..	..	..	..	..
5883	King Edward	Public Sch. - -	Milne, J. - -	..	..	..	..	2	..	..	..
7663	Lonmay -	Public Sch. - -	Duguid, J. -	..	..	..	..	..	..	..	..
5903	Macduff -	Public Sch., Shand Street.	Renton, D. -	..	..	..	..	..	..	..	..
5905	Monymusk -	Public Sch. - -	Rollo, W. - -	..	..	..	..	4	..	..	..
7676	Peterhead -	Acad., St. Peter's Street.	Lumsden, T. W.	..	..	..	..	..	..	..	..
5927	Ruthven -	Public Sch. - -	Johnston, W. -	..	..	..	..	..	..	..	..
7690	Scalloway (Shetland).	Public Sch. - -	Cleland, J. - -	..	..	..	..	..	..	..	..
5933	Stonehaven -	Public Sch., Ann Street.	Wyllie, G. -	..	..	..	..	3	..	..	..
5937	Strichen -	Public Sch., Market Place.	Clark, J. - -	..	..	..	..	..	..	..	..
5944	Thurso - -	Mech. Inst. and Café, Olrig Street.	Sutherland, A. / Hyslop, T. -	..	..	..	..	..	..	..	..
5986	Tomintoul -	Public Sch., Main Street.	McPherson, C. S.	..	..	..	..	12	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
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Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
5947	Torphins -	Public Sch. - -	Millar, A. - -	..	..	..	..	..	..	..	..
7611	Turriff - -	Pub. Sch., Victoria Terrace.	Thomson, J. -	..	..	..	..	6	..	..	11
5954	Watten - -	Gersa Public Sch.	Sutherland, A. -	..	..	..	..	..	..	..	..
5956	Wick - -	Pulteney Town Acad. Pub. Sch., Sinclair Terr.	Sutherland, A. } Dick, W. - - }	..	..	..	..	..	..	..	..
		SOUTH-EAST SCOTLAND.									
5725	Arbroath -	High Sch., Hill Terrace.	Moodie, R. - } Lee, G. W. - } Brebner, J. - }	..	7	..	..	..	..	3	..
7674	Bathgate -	The Acad. - -	Dunn, A. - -	..	..	..	..	6	..	..	..
5734	Blairgowrie -	Free Church Hall, James Street.	Dickson, G. -	..	..	..	..	2	..	..	..
5736	Brechin - -	Young Men's Christian Inst., Bank Street.	Gillam, J. - } Lyall, W. - - }	..	..	..	..	..	..	..	..
5741	Burntisland -	Broomhill Sch., Mount Pleasant.	Low, D. - -	..	..	..	..	4	..	..	..
5750	Dollar - -	Sch. of Sci. and Art, Inst.	Thom, G. - } Taylor, J. - }	..	..	..	..	.	3	..	..
5759	Dundee - -	Sch. of Sci. and Art, High Sch., Euclid Crescent.	Grubb, W. M. -	59	20	16	..	..	..	..	..
5758	„ - -	Young Men's Christian Assoc. 10, Constitution Road.	Thompson, J. - } Chalmers, R., jun. - - } Young, F. W. - } Scott, R. - - } Malcolm, G. - }	4	16	1	..	11	11	12	18
5760	„ - -	Public Sch., Victoria Road.	Aimer, J. - - } Yule, A. - - }	2	2	..	..	..	..	..	..
5761	„ - -	Pub. Sch., Balfour Street.	Allan, R. T. M. } Aimer, J. - - } Yule, A. - - }	7	7	3	..	..	..	..	..
5764	Dunfermline -	Masonic Hall, Maygate.	Spence, A. - } Spence, T. - }	..	11	..	..	..	..	..	..
5765	„ -	High Sch., Queen Anne Street.	Robertson, J. -	5	6	1	..	..	..	..	..
5763	„ -	Industrial Sch., 4, Bath Street.	Roberts, A. K. -	..	..	..	..	..	..	..	..
5766	Dysart - -	Pub. Sch., Factory Road, Pathhead.	Wilson, W. -	..	1	6	..	..	..	..	..
5775	Edinburgh -	Watt Inst., Chambers Street.	Macadam, S. - } Lees, W. - - } McKean, J. - } Fairweather, J. G. - - } Wilson, A. - } McAlpine, D. - }	8	7	6	..	38	..	5	53
5776	„ -	St. James's Episcopal School, Broughton St.	Overend, J. -	..	..	..	..	..	..	..	..
5777	„ -	Daniel Stewart's Inst., Dean Street.	Macdonald, W. J.	..	..	..	..	8	..	..	28
5788	„ -	Free Church Model and Prac. Sch., Moray Ho., Canongate.	Dawson, J. D. -	..	..	..	..	..	..	..	..
5965	Forfar - -	Academy, Academy Street.	Riddell, J. - -	3	2	..	..	..	..	..	..
5857	Hawick - -	Museum, Orrock Place.	Kennedy, W. P.	..	..	..	..	..	..	..	37
7659	„ - -	Ladylaw Mills, Club Room, Wilton Path.	Dechan, M. -	..	..	..	..	..	..	..	..
7660	„ - -	Public Sch., Buccleuch Street.	Simpson, J. -	..	..	..	..	10	..	..	..

ninations in Science—*cont.*

X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
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Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
5888	Kirkcaldy -	East Pub. Sch., Mary Hall Street.	Chapman, H. - } Todd, A. - }	..	16	1	..	..	..	..	..
5886	„ -	Burgh Sch., St. Brycedale Avenue.	Wilson, W. -	19	11	11	..	..	..	..	..
5893	Leith - -	High Sch., Links -	Lockie, J. - -	..	10	..	..	..	1	12	..
5899	Leven - -	Greig Inst., Forth Street.	Barker, J. - -	..	20	7	..	..	..	..	..
5901	Lochee - -	Ancrum Road Pub. Sch.	Gray, J. Y. -	22	16	1	..	..	..	11	..
7618	Mid-Calder -	Public Sch. - -	Stevens, J. -	..	..	..	..	4	..	..	..
7603	Montrose -	Acad., Academy Square.	Grubb, D. S. -	10	5	5	..	..	..	..	..
5916	Perth - -	Sch. of Sci. and Art, Academy, Rose Terrace.	Black, F. M. - } Walker, S. - }	10	6	5	..	6	..	..	..
5917	„ - -	Kinnoull Pub. Sch., Dundee Road.	Thomson, J. -	..	..	..	..	..	..	..	..
5942	Tayport - -	Public Sch., Ferry-Port-on-Craig.	Nicoll, J. - -	..	10	..	..	7	..	..	..
5945	Tillicoultry -	Public Sch. - -	Watson, G. -	..	1	..	..	2	..	..	..
5987	Whitburn -	Benhar Sch. -	Ross, J. - } Hamilton, J. - } Black, J. - }	..	..	..	..	..	..	..	..
		SOUTH-WEST SCOTLAND.									
5718	Alexandria -	Mech. Inst., Pub., Hall, Bridge St.	Currie, J. - } Glen, T. M. - } Miller, R. - }	..	4	3	..	..	..	..	..
7608	Alva - -	Pub. Sch., Park Place.	Brown, J. V. -	..	..	..	..	..	..	..	..
7656	Auchencairn	Pub. Sch. - -	McLean, A. -	..	..	..	..	..	..	..	..
5727	Ayr - -	Academy, Fort Street.	Graham, J. D. - } Anderson, L. - } Cunningham, H. }	..	1	6	..	20	..	6	..
5728	Bannockburn	James Wilson Acad., Main St.	Wilson, J. - -	..	..	..	..	1	..	..	..
5733	Beith - -	Acad. Pub. Sch., Church Hill Rd.	Caldwell, J. -	..	..	..	..	..	..	..	..
5743	Campbeltown	Gram. Sch., St. John's St.	Lee, H. - -	..	..	..	..	5	..	..	..
5962	„	Milknowe, Public Sch.	Kirkwood, J. -	..	..	..	..	1	..	..	..
5970	Castle Douglas	Acad. Pub. Sch., Cotton St.	Robertson, W. -	..	..	..	..	..	..	..	..
5982	Catrine - -	Pub. Sch. - -	Goldie, A. - -	..	..	..	..	..	..	..	..
7654	Chapelhall -	Old Sch., B'oness Rd.	McLure, J. -	..	..	..	..	1	..	..	..
5959	Clydebank -	Pub. Sch. - -	Fulton, J. - -	..	..	..	..	2	..	..	..
5959A	„ -	Ship Yard, Drawing Office.	Biles, J. H. -	..	..	..	13	..	2	..	..
5816	Coatbridge -	Gartsherrie Acad.	Rankin, T. T. - } McLay, A. - } Cleland, W. - } Mowat, D. M. - } Dunlop, R. - } McLaren, R. - } Ferguson, W. - }	3	17	..	..	24	11	11	..
7621	Closeburn -	Wallace Hall Acad.	Stevens, J. -	..	..	..	..	14	..	..	..
5748	Darvel - -	Brown's Inst., Ronald-Coup Rd.	Goldie, A. - -	..	..	..	..	..	..	..	..
5754	Dumbarton -	Burgh Academy, Church Street.	Watson, A. T. - } Kyle, A. - - } Cormack, A. - } Johnson, C. - } Anderson, W. D. - - } Purvis, F. P. - } Thomson, J. } Walker, J. - }	..	7	..	17	17	3	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	..	—	11 0 0
16	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	—	28 0 0
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
..	6	6	..	..	..	..	..	..	..	10	..	..	..	10	..	..	—	98 0 0
24	..	..	..	..	..	..	13	..	..	..	..	..	..	..	..	..	—	51 0 0
..	..	..	..	..	..	..	31	..	..	..	..	..	..	..	..	16	—	47 0 0
28	7	..	..	..	11	..	11	..	..	..	..	..	..	..	13	..	—	114 0 0

Append

PAYME TO SCIEN TEACH

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
5756	Dumfries -	Sch. of Sci. and Art, Academy, Academy Street.	Bain, G. - -	..	1	1	..	..	..	..	..
5757	„ -	St. Joseph's Coll. -	O'Rorke, M. - Small, J. K. -	..	..	..	..	7	5	..	15
5755	„ -	Young Men's Christ. Assoc., 45, Bank Street.	Wilson, J. - -	..	..	..	..	4	..	..	..
5804	Falkirk - -	Sch. of Sci. and Art, Southern Sch., Park St.	McAlley, R. - Liddle, G. -	..	..	..	..	4	..	..	..
5814	Galston - -	Brown's Inst., Polwarth Street	McDonald, J. Y. - -								
5814A	„ - -	Barr Pub. Sch.	Ireland, W. - McHoull, R. P. Goldie, A. -	5	5	4	..	..	..	4	..
5818	Glasgow -	Public Sch., 100, Thomson Street.	Archibald, T. -	..	..	..	..	8	..	..	..
5819	„ -	City Public Sch., 74, John Street.	Allan, W. - Addie, W. E. - Reid, W. -	..	..	..	..	13	..	..	..
5819A	„ -	High Sch., Elmbank Street.	Wishart, R. S. Archibald, T. -	..	..	..	..	..	..	..	..
5827	„ -	Anderston Public Sch., 24, Catherine Street.	McNicol, P. -	..	..	..	..	..	..	..	..
5844	-	Public Sch., 3, Buchan Street.	Anderson, T. L.	..	..	..	..	..	..	..	5
5843	„ -	Overnewton Pub. Sch., Lumsden St.	Macfarlane, M. -	..	..	..	..	1	..	..	..
5845	„ -	Public Sch., 98, Centre Street.	Jamieson, W. S.	..	..	..	..	1	..	..	..
5973	„ -	Garnethill Public Sch., Buccleuch St. and Thistle St.	Wishart, R. S. - McCallum, J. D. - -	..	..	..	..	6	..	..	..
5822	„ -	Young Men's Christian Assoc., 11, Great Wellington Street.	Dunsmore, H. -	..	14	..	..	..	..	..	..
5822A	„ -	Young Men's Christian Assoc., Christian Inst., 70, Bothwell St.	Middleton, J., Anderson, J. -	4	1	5	..	3	..	..	..
5822B	„ -	Young Men's Christian Assoc., Cumberland St.	Dunsmore, H. -	..	7	..	..	..	..	..	..
5822D	„ -	Young Men's Chris. Assoc.	Russell, A. -	..	6	..	..	..	..	..	..
5823	„ -	Anderson's Coll., 204, George St.	Buchanan, A. M. Dittmar, W. - Rowden, W. T. Blyth, J. - - Wilson, A. S. -	110	76	11	..	16	67	62	53
5824	„ -	Athenæum, 110, Ingram St.	Campbell, J. -	..	..	4	..	..	..	..	..
5825	„ -	Ch. of Scot. Pract. Sch., New City Road.	Beveridge, J. - Crawford, T. -	..	..	..	..	5	..	..	..
5835	„ -	Free Ch. Normal Practising Sch., Cowcaddens St.	McBirnie, J. - Brown, G. S. -	..	..	..	..	..	..	..	..
5976	„ -	Allan Glen's Inst., 72, Cathedral St.	Mackinlay, D. Dixon, E. M. - Low, D. A. - Struthers, J. - Galt, A. -	104	42	2	..	11	28	28	45
5820	„ -	Public Sch., Crookston Street.	Davidson, D. - Borland, T. -	..	2	5	..	..	..	..	..
5996	„ -	Public Sch., 29, Mathieson Street.	McPherson G. L.	..	..	..	..	..	..	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	40 0 0
..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	7	6½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	17 10 0
5	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	11	—	41 0 0
5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	32 0 0
..	..	..	..	..	..	..	4	8	..	..	..	..	..	..	..	..	—	12 0 0
59	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	59 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
19	45	53½	7	..	..	..	19	3	..	..	..	..	..	61	..	..	—	602 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	30 0 0
23	..	..	..	..	23	..	..	..	..	..	..	..	..	..	..	..	—	46 0 0
110	125	156 123 143	..	..	..	..	..	..	..	..	..	..	..	22	..	..	46 0 0	639 16 1
..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	—	13 0 0
..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
7624	Glasgow	Veterinary and Agricultural Coll., 83 and 85, Buccleuch Street.	Cooke, S. Knox, D. N. McConnell, P.	..	..	..	..	..	..	..	..
5841	„	Young Men's Club and Inst., 21, East Hill St.	Barclay, J.	..	..	..	..	..	..	..	..
5828	„	Coll. of Sci. and Art, 38, Bath Street.	Jamieson, A. Tatlock, R. R. Raitt, W. King, T. McLay, A. Young, J.	69	69	23	..	35	29	25	..
5831	„	School of Science and Art, Haldane Academy, Corporation Buildings, 3, Rose Street.	Paul, J. B. Clifford, H. E. Beale, S. H.	..	14	12	..	..	..	..	..
5822E	Govan	Young Men's Chris. Assoc., 12, Helen Street.	Agnew, G. A. Murray, A. Hutchison, B. Cooke, S.	..	14	..	27	5	1	..	..
5852	Greenock	Glebe Public Sch., Crawfurd Street.	Birrell, A. Scott, T.	..	..	..	..	30	..	..	..
5852A	„	Pub. Sch., Mearns Street.	Cook, W.	..	..	..	..	..	..	..	..
5852B	„	Chemical Laboratory, 29, Cathcart Street.	Biggart, J. W.	..	..	..	..	..	..	..	..
6001	„	Pub. Sch., Shaw Street.	Sproul, A.	..	16	..	..	..	..	2	..
7640	Hamilton	St. John's Free Ch. Sch., Duke Street.	Fordyce, W. McPherson, J. Hendrie, J.	..	..	..	..	..	..	..	..
5960	„	St. John's Gram. Sch., Duke Street.	Borland, T. Kinmond, D. G.	..	..	..	..	..	..	..	8
5960A	„	Academy, Hope Street.	Walker, J. A.	..	3	..	..	..	..	..	..
5861	Inveraray	Newtown Public Sch.	Kirkland, H.	..	..	..	..	1	..	..	..
7609	Irvine	Pub. Sch., Bank Street.	Stephenson, J.	..	..	..	..	..	..	..	..
5865	„	Royal Academy, Acad. Grounds.	Ross, Z. M. H. Rankin, T. T.	..	..	..	..	13	1	2	..
7688	„	Pub. Sch., Loudon Street.	Hunter, J.	..	..	..	..	..	..	..	..
5866	Johnstone	Wkg. Men's Inst., Ludovic Square.	Millar, R.	..	10	..	..	..	..	..	..
5869	„	Public Sch., Floors Street.	Dickson, J.	..	..	..	..	6	..	..	..
5871	Kilbirnie	Ladyland Public Sch.	Caldwell, J.	..	..	..	..	..	..	..	..
5877	Kilmarnock	Sch. of Sci. and Art, Woodstock Street.	Millar, C. B. McHoull, R. P.	12	17	..	..	..	..	1	..
5878	„	Academy, North Hamilton St.	Dickie, H. Gibb, H.	..	..	..	..	60	20	..	..
5881	Kilwinning	Eglinton Ironwks. Sch.	Blair, W. Brown, J. Brotherton, R.	..	..	..	..	..	..	..	..
5882	„	Annick Lodge Pub. Sch., Doura.	Boyd, W.	..	..	..	..	1	..	..	..
7683	Laurieston (near Falkirk).	Pub. Sch.	McCrorie, D.	..	..	..	..	3	..	..	..
5972	Maybole	Public Sch.	Porteous, J. S.	..	..	..	..	1	..	..	..
5906	Motherwell	Dalziel Pub. Sch., Windmill Hill St.	Borland, T. Cullen, A.	9	8	7	..	..	..	..	..
7673	Mount Florida (near Glasgow).	Academy, Iona Pl.	Christie, J. C.	..	..	..	..	..	..	..	..

tions in Science—*cont.*

X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
121	9	3	..	..	22	6	..	..	..	..	..	..	..	1	—	75 10 0
..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	—	9 0 0
31	..	..	5	..	..	1	..	..	..	..	..	28	..	..	—	443 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	26 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	48 0 0
..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	—	35 0 0
..	..	..	23	..	..	..	..	..	..	..	..	..	34	..	—	111 0 0
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	—	21 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	—	66 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	34 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	23 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	8 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	9	..	..	—	39 0 0
41	..	..	..	..	..	..	..	..	..	..	..	..	59	56	—	299 0 0
..	..	..	3	..	4	..	..	..	..	..	..	..	10	8	—	29 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	24 0 0
..	..	..	13	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
7604	Muirkirk -	Ironworks Sch., Furnace Road.	Cunningham, R.	..	..	..	..	8	..	..	..
7601A	Newmains -	School Room, Coltness Ironworks.	Ross, M. - -	..	5	1	..	..	..	..	..
5909	Newmilns -	Brown's Working Men's Inst., Main Street.	Goldie, A. - -	..	..	..	..	..	..	..	..
5912	Paisley - -	Sch. of Design, Gilmour St.	Shedden, W. - Morrison, M. - Reid, J. K. - Stevenson, D. E. - - -	4	26	2	..	..	..	13	..
7620	Quarter -	Reading Room Sch.	Young, J. - -	..	..	..	..	..	..	..	..
7657	Sorn - -	Public Sch. - -	Goldie, A. - -	..	..	..	..	..	..	..	..
5930	Stirling - -	High Sch. of Sci. and Art, Spittle Square.	Wilson, A. - Wilson, J. -	..	2	..	1	3	..	..	..
7601	Wishaw -	Public Sch., Main Street.	Dey, R. - Ross, M. - - Cullen, A. -	..	7	1	..	10	..	..	..
	Total for Scotland -		- - - -	480	570	174	58	499	193	220	288

IRELAND.

PROVINCE OF CONNAUGHT.

6019	Athlone -	Ranelagh Sch. -	Baile, R. - Baile, G. W. - Brown, W. -	..	..	..	..	..	7	..	10
6029	Ballaghaderin	Coolavin Nat. Sch.	Casey, J. - -	..	..	..	..	4	..	..	..
6005	Ballinamore -	Male Nat. Sch., Aughadark.	Birney, J. - -	..	..	..	..	1	..	..	..
6026	Ballinasloe -	Acad. and Collegiate Inst., Clymore House.	Breakey, J. J. C.	..	..	..	..	4	..	..	..
6037	Bunninadden	Doo Castle Nat. Sch.	O'Dowd, D. -	..	..	..	..	..	..	..	..
6007	Carrigallen -	Beaghmore Nat. Sch.	O'Rorke, P. -	..	..	..	..	2	..	..	..
6010	Elphin - -	Gram. Sch. - -	Irwin, E. - -	..	..	..	..	5	..	..	..
6034	Galway - -	Dist. Model Sch. -	Watters, T. -	..	..	..	..	7	..	..	5
6012	Mohill - -	Nat. Sch., Glebe Street.	Ross, H. - -	..	..	..	..	..	..	..	..
6014	Sligo - -	Primrose Grange Inst., Knocknarea.	Shekleton, W. A.	7	..	..	..	..	..	..	..
6031	„ - -	Nat. Model Sch., Mall.	Feehan, J. -	..	..	..	..	13	..	..	..

PROVINCE OF LEINSTER.

6137	Athy - -	Model Sch. - -	Doogan, P. C. -	..	..	..	..	6	..	..	6
6101	Banagher -	Royal Sch., Cuba House.	Joyce, P. K. -	..	..	..	..	4	..	..	..
6105	Bunbrusna -	Farra Sch. - -	Foster, T. C. -	27	..	..	..	..	16	..	..
6110	Dublin - -	Santry Sch. - -	Adair, S. - -	..	..	..	..	6	..	..	..
6120	„ - -	Railway Compy's. Office, Inchicore.	Coey, R. - - Irwin, W. C. - Cronin, R. -	..	1	..	..	..	..	..	..
6116	„ - -	Mech. Inst., Abbey Street.	Leaper, C. J. -	..	..	..	..	..	..	..	..
6115	„ - -	King's Hospital, Blackhall Place.	McAlister, E. - Devlin, M. E. -	..	..	..	..	4	8	..	16
6108	„ - -	Erasmus Smith's Sch., 43, Great Brunswick St.	Porte, G. - -	..	..	..	..	4	..	..	7
6151	„ - -	Christian Sch., Synge Street.	Stewart, J. H. -	..	..	..	..	15	6	..	..

Examinations in Science—*cont.*

IX.	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
24	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	—	39 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	—	10 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	51 0 0
7	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	—	11 0 0
1	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	11 0 0
..	8	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	—	35 0 0
1210	614	452 (vs 240)	28	4½	103	..	322	90	..	22	18	..	..	190	316	292	46 0 0	6189 16 1

IRELAND.

30	..	..	..	..	..	..	11	..	..	..	..	5	..	..	18	..	—	81 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	2 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	—	12 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	6	—	32 0 0
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3	—	10 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	22 0 0
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
33	..	..	..	..	..	..	..	..	..	..	..	24	..	..	..	..	—	100 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	—	3 0 0
4	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
19	17	4½	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	68 10 0
24	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	—	47 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	21 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
6139	Dublin - -	Nat. Sch., 43, Lower Dominick Street.	Logan, J. - -	..	..	..	..	..	..	..	3
6114	„ - -	Central Model Sch., Marlborough Street.	Ryan, L. J. -	..	..	..	..	14	..	..	9
6121	Dundalk -	Educ. Inst., St. Dominic's Place.	Turner, J. W. - } Craig, I. - - }	25	..	..	..	14	18	..	..
6123	Kilkenny -	Coll. of St. Kieran, Callan Road.	Donovan, R. - } Ryan, J. - - }	..	..	..	..	9	..	..	9
6133	Leighlinbridge	Nat. Sch., School Lane.	Carey, P. - -	..	..	..	..	2	..	..	..
6145	Trim - -	District ModelSch., The Maudlins.	Sharkey, J. -	..	..	..	..	8	5	..	..
	PROVINCE OF MUNSTER.										
6200	Ballincollig -	Nat. Sch. - -	Murphy, P. -	..	..	..	..	4	..	..	..
6251	Bandon - -	Nat. Sch., Mount Pleasant.	McCarthy, D. -	..	..	..	..	..	..	..	..
6248	„ - -	Hall of Science The Square.	McCarthy, D. -	..	..	..	..	6	4	..	..
6266	Clonmel - -	Model Sch. - -	Murphy, J. -	..	..	..	..	6	..	..	..
6207	Cooraclare -	Nat. Sch. - -	McDermott, C. -	..	..	..	..	8½	..	..	..
6209	Cork - -	Sch. of Sci. and Art, Royal Inst., Nelson Place.	Brennan, J. -	4	2	7	..	..	..	..	..
6209A	„ - -	Royal Institution, Forester's Hall, Nelson Place.	Knight, W. J. -	..	..	..	..	3	2	..	..
6210	„ - -	District Model Sch., Anglesea Street.	Harland, T. -	..	..	..	..	..	..	..	..
6211	„ - -	Carmichael Nat. Sch., King St.	Robinson, J. -	..	..	..	..	14	..	..	..
6213	„ - -	Nat. Sch., St. Luke's.	Crawford, J. B.	..	..	..	..	17½	..	..	..
6280	Doonbeg -	Nat. Sch. - -	Sullivan, P. -	..	..	..	..	7	..	..	..
6219	Dungarven -	St. Augustine's Seminary, Main St.	Kenny, M. -	..	..	..	..	8	..	..	..
6255	Drimoleague -	Male Nat. Sch., Chapel Street.	Hurley, T. J. -	..	..	..	..	..	..	..	..
6263	Dunmanway -	Knuckbuee Nat. Sch.	Nyhan, J. -	..	..	..	..	..	..	..	..
6221	Dunmanway -	Model Sch., Mail Coach Road, Tonafora.	Smith, R. - -	..	..	..	..	..	..	..	8
6261	„ -	Drinagh Male Nat. Sch.	Nyhan, D. - -	..	..	..	..	..	..	..	..
6223	Enniskean -	Mawbeg Nat. Sch.	McCarthy, D. } McCarthy, J. - }	..	..	..	..	..	..	1	..
6226C	Kenmare -	Lauragh Male Nat. Sch.	McCarthy, D. -	..	..	..	..	12	..	..	..
6225	Kilkee - -	Nat.Sch.,Chapel St.	Devine, M. J. -	..	..	..	..	11	..	..	..
6227	Killadysert -	Male Nat. Sch. -	Fitzgerald, D. -	..	..	..	..	..	..	..	11
6257	Killarney -	Town Hall, Main Street.	O'Reilly, J. -	..	..	..	..	7	..	..	..
6234	Limerick -	Model Sch., Military Road,	Moylan, J. - Donald, A. J. - Bell, J. - - }	..	..	..	..	4	7	4	8
6252	Lisseycasey -	Fergus View Nat. Sch., Cahera.	Slattery, T. -	..	..	..	..	5	..	..	5
6284	Macroom -	Intermediate Sch., Massytown.	McGann, C. P. -	..	..	..	..	17	..	..	..
6277	Newcastle (West).	Courtenay Nat. Sch., Bishop St.	Musgrave, J. D.	..	..	..	..	14	..	..	28
6242	Roscrea - -	Young Men's Chris. Assoc. Lecture Room, Jail Rd.	Gahan, M. - Gahan, W. P. - }	..	..	..	..	6	1	..	..
6273	Scariff - -	Male Nat. Sch., Main Street.	Jordan, P. - -	..	..	..	..	..	..	..	..
6245	Skibbereen -	Killeenleagh Nat. Sch.	McCarthy, J. -	..	..	..	..	..	..	..	..

ions in Science—*cont.*

XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
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..	..	..	..	..	..	..	..	..	31	..	..	..	..	—	135 0 0
..	..	..	..	..	..	..	..	..	..	..	..	7	..	—	26 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	7	..	—	11 0 0
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..	..	..	..	5	..	..	..	..	7	..	..	5	..	—	27 0 0
..	..	..	..	..	..	..	..	..	..	..	..	7	6	—	32 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	11	—	32 15 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	16	—	16 0 0
..	..	..	..	18	..	..	..	..	..	..	..	..	..	—	49 0 0
..	..	..	..	23	..	..	..	..	..	..	..	..	..	—	59 5 0
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..	..	..	..	..	..	..	..	..	5	..	..	..	2	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	6	—	14 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	15	—	26 0 0
..	..	..	..	..	..	..	..	..	..	..	..	3	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	9	2	—	25 0 0
..	..	..	..	18	..	..	..	..	..	..	..	..	15	—	50 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	42 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	14 0 0
..	..	..	..	..	..	..	..	..	3	..	..	2	4	—	9 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
6268	Skibbereen -	Bauravilla Nat. Sch.	McCarthy, J. -	..	..	..	..	5	..	..	..
6281	„ -	Intermediate Sch., North Street.	McCarthy, D. E.	..	..	..	..	10	6	..	..
6270	Union Hall -	Couscroneen Nat. Sch.	Collins, J. - -	..	..	..	..	5	..	..	..
6246	Waterford -	Model Sch., Water Street.	Conway, H. -	..	..	..	..	..	..	..	..
		PROVINCE OF ULSTER.									
		Co. ANTRIM.									
6381	Antrim - -	Collegiate and Intermediate Sch., Fountain Street.	Moffett, Rev. S.	..	..	..	..	..	..	..	..
6308	Ballymena -	Protestant Hall, Galgorm Road.	Knowles, W. J.	..	..	..	..	..	..	..	..
6307	„ -	Model Sch. - -	Bresland, J. -	..	..	..	..	6	4	..	..
6309	„ -	Guy's Nat. Schs., 1, Wellington St.	Alexander, J. -	..	..	..	..	12	..	..	13
6310	„ -	Good Templars' Hall, High St.	Francey, J. -	..	..	..	..	..	..	..	..
6310A	„ -	Slaght Nat. Sch. -	Francey, J. -	..	..	..	..	1	..	..	..
6393	„ -	Harryville Male Nat. Sch., 1, Larne Street.	King, J. - -	..	..	..	..	..	..	..	..
6311	Ballymoney -	Model Sch. - -	Jack, D. - -	..	..	..	..	20½	..	..	..
6312	„ -	Knockahollet Nat. Sch.	Orr, S. - -	..	..	..	..	..	..	..	..
6329	Belfast - -	Workg. Men's Inst., Castle Street and Queen Street.	Barklie, R. - / Murdock, J. - / Chambers, J. - / Andrews, J. - / White, W. - / Fforde, W. J.	..	43	..	..	39	7	9	23
6367	„ - -	Magdalene Sch., Gt. Victoria St.	Harrison, T. -	..	..	..	..	11	..	..	..
6330	„ - -	Government Sch. of Sci. and Art, College Sq., North.	Sumner, J. - / Minshull, W. H. / Trobridge, G. -	1	2	4	..	..	..	..	..
6385	„ - -	Nat. Sch., Lonsdale Street.	Campbell, W. -	..	..	..	..	..	..	..	2
*6318	„ - -	Model Sch., Falls Road.	Osborne, T. -	..	..	..	..	29	..	..	..
6318	„ - -	Model Sch., Falls Road.	Osborne, T. -	..	..	..	..	23	..	..	..
6377	„ - -	St. Malachy's Coll., Duncairn Street, Antrim Road.	MacCormac, W. J. - - / Fitzpatrick, T. / McKenzie, J. -	..	..	..	..	36½	6	..	6
6320	„ - -	Nat. Sch., Albion Street.	Kell, J. - -	..	..	..	..	1	..	..	6
6328	„ - -	St. George's Lecture Hall, High Street.	Robinson, J. R. / Todd, C. H. - / Napier, N. F. -	..	..	..	..	1	2	..	6
*6316	„ - -	McQuiston Nat. Sch., Donegall Pass.	Briars, W. - / Briars, W., jun.	..	..	..	..	1	..	..	..
6317	„ - -	Nat. Sch., Fisherwick Place.	Elliott, T. - -	..	..	..	..	..	..	..	..
6363	„ - -	Church of Ireland Young Men's Society, Clarence Place.	Mulholland, J. -	..	..	..	..	..	..	..	..
6382A	Broomhedge -	Lurganure Sch. -	Buchanan, T. -	..	..	..	..	..	..	..	..
6365	Bronghshane	Male Nat. Sch. -	Megaw, R. -	..	..	..	..	5	..	..	..
6334	Carrickfergus	Model Sch., Belfast Road.	Stevenson, J. McN. / Maguire, Chas.	..	..	..	..	15	..	..	..
6391	„ -	Nat. Sch., Albert Road.	Montgomery, T.	..	..	..	..	..	..	..	..
6337	Clough - -	Killyree Nat. Sch.	King, Jas. - -	..	..	..	..	3	..	..	..

* Claim for Session 1880-81.

Examinations in Science—*cont.*

	X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ *s.* *d.*	£ *s.* *d.*
	..	..	..	..	..	..	8	..	..	..	..	15	..	..	10	18	—	56 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	16 0 0
	..	..	..	..	..	..	..	7	..	..	..	12	..	..	..	11	—	35 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	—	10 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	1 0 0
	..	..	..	..	1	..	2	3	..	..	..	..	..	..	3	..	—	9 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	15 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36	—	78 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	—	4 0 0
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	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	—	3 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	—	53 10 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	11 0 0
	37	36½	14	26	7	..	..	7	..	..	..	..	..	16	..	18	—	317 10 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	14	—	31 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	7 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	10 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	29 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	23 0 0
	..	..	..	..	..	..	..	..	..	..	..	3	..	..	16	..	—	100 10 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	5	—	36 0 0
	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	22 6 0
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	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	8	—	12 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	—	10 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	7 0 6
	..	..	..	..	..	..	4	..	..	..	..	..	..	..	9	8	—	26 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	40 0 0
	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	22 0 0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	5 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
6359	Cloughmills -	Tullybane Nat. Sch.	Orr, S. - -	..	..	..	..	..	..	..	12
6338	Cullybackey -	Nat. Sch. - -	Smyth, J. -	..	..	..	..	3	..	..	..
6339	„ -	Sci. Class Room -	Knowles, W. J.	..	..	..	..	..	..	..	..
6390	Dunloy -	Galdanagh Nat. Sch.	Forbes, J. - -	..	..	..	..	..	..	..	..
6374	Galgorm -	Sch. House - -	Hatton, S. - -	..	..	..	..	..	..	..	11
6342	Glarryford -	Schoolroom, Killycowan.	Harkness, M. -	..	..	..	..	..	..	..	..
6343	Larne - -	Mod. Agric. Nat. Sch., Main St.	Crooks, W. J. -	..	..	..	..	1	..	..	5
6352	Lisburn -	Railway St. Nat. Sch.	McClelland, A. } Watson, J. - }	..	..	..	..	1	..	..	4
6354	„ -	Ballymacbrennan Nat. Sch.	Deans, J. - -	..	..	..	..	1½	..	..	7
6353	„ -	Largymore Nat. Sch.	Higginson, J. - } McClemans, T. }	..	..	..	..	3	..	..	1
6355	Portrush -	No. 2 Nat. Sch. -	Porter, W. J. -	..	..	..	..	4	..	..	..
6357	Randalstown	Parochial Sch., New Street.	Mattinson, J. -	..	..	..	..	..	..	..	..
6373	Strandtown -	Belmont Nat. Sch.	Skillen, H. A. -	..	..	..	..	2	..	..	..
	Co. Armagh.										
6405	Altnamachin -	Cortamlet Nat. Sch.	Adair, S. - -	..	..	..	..	5	..	..	..
6451	Keady - -	Aughnagurgan Sch. House.	Burns, A. - -	..	..	..	..	..	..	..	..
6452	„ - -	Nat. Sch., Meeting Street.	Burns, A. - -	..	..	..	..	..	..	..	..
6418	Markethill -	Lisdrumchor Nat. Sch.	Thompson, I. -	..	..	..	..	..	..	..	..
6417	„ -	Cladymore Nat. Sch.	Macpherson, W.	..	..	..	..	..	..	..	..
6419	„ -	Nat. Sch. - -	Edwards, W. J.	..	..	..	..	..	..	..	..
6415	„ -	Mullabrack Nat. Sch.	Gilmore, J. -	..	..	..	..	..	..	..	..
6445	„ -	Glasdrummond Nat. Sch.	Morgan, R. -	..	..	..	..	..	..	..	..
6437	Newtown Hamilton.	Townsend Nat. Sch., Castleblayney Street.	Burns, A. - } Hamilton, S. - }	..	..	..	..	3	..	..	3
6437A	„ -	Nat. Sch., Tullinaval.	Burns, A. - -	..	..	..	..	..	..	..	..
6433	Portadown -	Duke of Manchester's Sch., Church St.	English, W. -	..	..	..	..	..	1	..	5
6425	Poyntzpass -	Taniokey Nat. Sch.	Watson, W. -	..	..	..	..	..	..	..	..
6430	Whitecross -	Nat. Sch., Kingsmills.	Whiteside, J. -	..	..	..	..	..	..	..	..
6454	„ -	Carrickgologly Nat. Sch.	Morgan, R. -	..	..	..	..	..	..	..	..
	Co. Cavan.										
6501	Bailieboro' -	Model Sch. - -	Frame, W. -	..	..	..	..	..	..	..	..
6511	Canningstown	Latsey Nat. Sch. -	Bell, J. - -	..	..	..	..	..	..	..	..
6510	Virginia - -	Male Nat. Sch. -	Mulligan, T. -	..	..	..	..	1	..	..	..
	Co. Donegal.										
6618	Glenvar - -	Agricultural Nat. Sch., Tyrladen.	Deeny, C. - -	..	..	..	..	..	..	..	..
6624	Killybegs -	Nat. Sch. - - }	Ward, J. C. - }	..	..	..	..	..	..	..	12
6624A	„ -	Niall Mor. Nat. Sch. }	MacGinley, T.C. }								
	Co. Down.										
6712	Anahilt - -	Endowed Free Nat. Sch.	Clements, A. -	..	..	..	..	2	2	..	..
6701	Ballynahinch	Drumaness Mills Nat. Sch.	McDowell, J. D.	..	..	..	..	2	..	..	..

inations in Science—*cont.*

	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	—	7 0 0
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	25 0 0
..	..	..	..	3	..	6	2	3	..	..	..	..	..	6	6	—	33 0 0
..	..	..	..	4	..	..	..	..	..	..	..	..	..	4	2	—	10 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	9	—	11 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	3	..	..	8	..	..	..	..	..	..	..	9	—	20 0 0
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	—	47 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	18 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	—	31 0 0
..	..	..	..	14	..	..	..	..	..	..	..	..	..	3	7	—	42 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	—	24 0 0
..	..	..	..	13	..	..	..	..	..	..	..	..	..	..	16	—	29 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	12	—	40 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	—	21 0 0
..	..	..	..	..	..	9	..	..	..	..	..	..	..	11	..	—	28 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	—	32 0 0
..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	7	—	18 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	1 0 0
..	..	..	..	28	..	..	..	..	..	..	..	..	..	..	..	—	28 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	1 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	4 0 0
..	..	..	..	3	..	5	..	..	..	..	..	..	..	..	6	—	16 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	2 0 0

Appendix K. — Payments to Science Teachers.

Payments on the Results of

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.
				£	£	£	£	£	£	£
6784	Banbridge -	Lib. Soc. New Court House, Victoria Street.	Gillespie, J. J. -	..	..	..	..	7	..	..
6792	" -	Irish Temperance Hall, Dromore.	Orsek, W. J. - (Deputy) Lilley, A. L. - (Deputy) M'Quade, A.	..	..	..	..	26	..	..
6796	Donaghadee -	Male Nat. Sch., Parade.	Elliott, J. J. -	..	..	..	..	2	1	..
6742	Donaghcloney	Nat. Sch. - -	Gilson, J. - -	..	..	..	..	..	..	..
6746	Downpatrick	Nat. Sch., Fountain Street.	Spence, A. - -	..	..	..	..	8	..	..
6711	Gilford - -	Mill Sch. - -	Martin, E. -	..	..	..	..	..	..	..
6714	Hillsborough	Claughg. Nat. Sch.	M'Donald, E. -	..	..	..	..	..	..	..
6715	Holywood -	Sullivan Schools, High Street.	Spears, A. - -	..	..	..	..	18	..	..
6719	Moira - -	Brookfield's Agric. Sch.	Davidson, W. W. - - (Deputy) Swain, E.	..	..	..	..	..	..	..
6720	" - -	Magheiberry Nat. Sch.	Jordan, W. -	..	..	..	..	..	..	..
6721	Newry - -	Model Sch., Catherine Street.	Boyd, H. - (Deputy) Palmer, J.	..	..	..	..	6	..	..
6726	Newtownards	Model Sch. - -	Orsek, W. - (Deputy) Buchan, A.	..	..	..	..	22	..	..
		Co. Fermanagh.								
6835	Ballinamallard	Infants Sch. -	Wilson, R. -	..	..	..	..	..	..	..
6831	Enniskillen -	Model Nat. Sch., Dublin Road.	Morris, C. - -	..	..	..	..	..	..	..
6812	Irvinestown -	Nat. Sch., Castle Irvine, Church Street.	Wilson, R. - -	..	..	..	..	5	..	..
6824	Lisbellaw -	Male Nat. Sch. -	Scott, R. - -	..	..	..	..	..	..	..
6808	Magheraboy Bridge.	Nat. Sch., Drumgoon Lane.	Scott, R. - -	..	..	..	..	..	..	..
6830	Roslea - -	Castleosh Nat. Sch.	Murray, P. -	..	..	..	..	4	..	..
6831	" - -	Crossbawnmurrow Nat. Sch.	Cassidy, J. -	..	..	..	..	5	..	..
6809	" - -	Nat. Sch. - -	Sloane, J. M. -	..	..	..	..	..	..	..
6817	Tempo - -	Glenn Nat. Sch. -	M'Manus, F. -	..	..	..	..	2	..	..
		Co. Londonderry.								
6838	Aghadowey -	Nat. Sch., Cullycapple.	Boyd, J. - -	..	..	..	..	..	..	..
6900	Blackhill -	Gorvan Nat. Sch. -	Mullan, J. A. -	..	..	..	..	31	..	..
6907	Coleraine -	Prov. Irish Soc.'s Nat. Sch., Brecesford Place.	Loughridge, C. M. (Deputy) Dallas, J.	..	..	..	..	9	..	..
6902	" -	Model Sch. - -	Cleland, J. M. -	..	..	..	..	..	..	..
6900	Eglinton -	Londonderry Estate Sch., Carmoney.	Clarke, C. - -	..	..	..	..	..	..	..
6931	Kilrea -	Nat. Sch., Church Street.	Matthews, C. -	..	..	..	..	7	..	..
6913	Londonderry -	Gwyn's Charitable Inst., Gt. James Street.	Snowdon, W. J.	..	..	..	..	..	..	..
6915	" -	Male Nat. Sch., Meeting House Street.	Patterson, W. -	..	..	..	..	14	..	..
6916	" -	Sch. of Sci. and Art, Shipquay St.	Addey, J. P. -	3	..	1	..	..	..	..
6912	" -	Erasmus Smith's Sch., Infirmary Road.	Smith, W. W. -	..	..	..	..	14	..	..
6923	Moneymore -	Intermediate Sch., Smith Street.	Crooks, W. -	..	..	..	..	2	..	..
6926	" -	Tamlaght Sch. -	McKee, T. J. -	..	..	..	..	..	..	..
6930	Portstewart -	Nat. Sch., The Hill	Gilmore, R. M. -	..	..	..	..	..	..	..

...tions in Science—*cont.*

...S.P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
...	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	33 0 0
..	..	..	8	..	..	.	..	..	..	..	..	..	..	..	—	100 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	24 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	—	21 0 0
25	14	38	..	..	..	..	..	..	..	..	..	..	..	22	—	187 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	9	11	—	20 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	2 0 0
..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	—	26 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	22	15	—	76 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	—	34 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	18 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	12 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	—	14 0 0
..	..	..	..	..	10	..	..	..	..	..	..	..	..	4	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	—	59 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	34 0 0
..	..	..	..	..	4	..	..	..	..	..	..	..	2	3	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	6	4	—	28 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	16	18	—	78 0 0
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	11	12	—	30 0 0
..	..	..	..	..	12	..	..	..	..	..	..	..	..	30	—	60 0 0
..	..	..	..	..	14	..	..	..	..	..	..	..	17	17	—	102 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	4 0 0
..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	—	19 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
				£	£	£	£	£	£	£	£
6704	Banbridge -	Lit. Soc. New Court House, Victoria Street.	Gillespie, J. J. -	..	..	..	..	7	..	..	4
6732	„ -	Acad. Temperance Hall, Dromore.	Crook, W. J. - Lilley, A. L. - McQuade, A. -	..	..	..	..	26	..	..	..
6706	Donaghadee -	Male Nat. Sch., Parade.	Elliott, J. J. -	..	..	..	..	2	1	..	1
6742	Donaghcloney	Nat. Sch. - -	Gibson, J. - -	..	..	..	..	..	..	..	..
6748	Downpatrick	Nat. Sch., Fountain Street.	Spence, A. - -	..	..	..	..	8	..	..	..
6711	Gilford - -	Mill Sch. - -	Martin, H. -	..	..	..	..	..	..	..	..
6714	Hillsborough	Clintagh Nat. Sch.	McDonald, R. -	..	..	..	..	..	..	..	..
6715	Holywood -	Sullivan Schools., High Street.	Speers, A. - -	..	..	..	..	18	..	..	..
6719	Moira - -	Brookfield's Agric. Sch.	Davidson, W. W. - - - Swain, R. -	..	..	..	..	..	..	..	..
6720	„ - -	Megabbery Nat. Sch.	Archer, W. -	..	..	..	..	..	..	..	..
6722	Newry - -	Model Sch., Catherine Street.	Boyd, H. - - Rainey, J. -	..	..	..	..	6	..	..	..
6723	Newtownards	Model Sch. - -	Craig, W. - - Harbison, A. -	..	..	..	..	22	..	..	..
		CO. FERMANAGH.									
6835	Ballinamallard	Infants' Sch. -	Wilson, R. - -	..	..	..	..	..	..	..	..
6801	Enniskillen -	Model Nat. Sch., Dublin Road.	Morris, C. - -	..	..	..	..	..	..	..	18
6812	Irvinestown -	Nat. Sch., Castle Irvine, Church Street.	Wilson, R. - -	..	..	..	..	5	..	..	..
6804	Lisbellaw -	Male Nat. Sch. -	Scott, R. - -	..	..	..	..	..	..	..	..
6808	Maguires Bridge.	Nat. Sch., Drumgoon Lane.	Scott, R. - -	..	..	..	..	..	..	..	..
6830	Roslea - -	Cordoola Nat. Sch.	Murray, P. -	..	..	..	..	4	..	..	19
6831	„ - -	Greaghawarren Nat. Sch.	Cassidy, J. -	..	..	..	..	5	..	..	13
6809	„ - -	Nat. Sch. - -	Sloane, J. M. -	..	..	..	..	..	..	..	..
6817	Tempo - -	Glenn Nat. Sch. -	McManus, P. -	..	..	..	..	2	..	..	..
		CO. LONDONDERRY.									
6932	Aghadowey -	Nat. Sch., Cullycapple.	Boyd, J. - -	..	..	..	..	..	..	..	..
6905	Blackhill -	Gorran Nat. Sch. -	Mullan, J. A. -	..	..	..	..	3½	..	..	..
6907	Coleraine -	Hon. Irish Soc.'s Nat. Sch., Beresford Place.	Loughridge, C. M. Dallas, J. -	..	..	..	..	9	..	..	19
6906	„ -	Model Sch. - -	Cleland, J. M. -	..	..	..	..	..	..	..	..
6909	Eglinton -	Londonderry Estate Sch., Carmoney.	Clarke, C. - -	..	..	..	..	..	..	..	..
6931	Kilrea -	Nat. Sch., Church Street.	Matthews, C. -	..	..	..	..	7	..	..	..
6913	Londonderry -	Gwyn's Charitable Inst., Gt. James Street.	Snowdon, W. J.	..	..	..	..	..	..	..	..
6915	„ -	Male Nat. Sch., Meeting House Street.	Patterson, W. -	..	..	..	..	14	..	..	20
6916	„ -	Sch. of Sci. and Art, Shipquay St.	Addey, J. P. -	3	..	1	..	..	..	..	..
6912	„ -	Erasmus Smith's Sch., Infirmary Road.	Smith, W. W. -	..	..	..	..	14	..	..	..
6925	Moneymore -	Intermediate Sch., Smith Street.	Crooks, W. -	..	..	..	..	2	..	..	..
6926	„ -	Tamlaght Sch. -	McKee, T. J. -	..	..	..	..	..	..	..	..
6930	Portstewart -	Nat. Sch., The Hill	Gilmore, R. M. -	..	..	..	..	..	..	..	10

aminations in Science—*cont.*

X.	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	33 0 0
..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	—	109 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	5 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	24 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	11 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	—	21 0 0
28	25	14	38	..	..	..	..	..	..	..	..	..	..	..	22	—	187 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	11	—	20 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	2 0 0
..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	—	26 0 0
17	..	..	..	..	..	..	..	..	..	..	..	..	..	22	15	—	76 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	—	34 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	18 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	—	12 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	—	14 0 0
..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	4	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	—	59 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	34 0 0
..	..	..	..	..	..	4	..	..	..	..	..	..	..	2	3	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	6 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	15 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	4	—	28 10 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	18	—	78 0 0
6	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	—	7 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	13 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	12	—	30 0 0
..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	30	—	60 0 0
..	..	..	..	..	..	14	..	..	..	..	..	..	..	17	17	—	102 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	14 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	—	3 0 0
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	—	4 0 0
..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	—	19 0 0

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of

Sch. No.	Place.	School.	Teacher.	I.	II.	III.	IV.	V.	VI.	VII.
	CO. MONAGHAN.			£	£	£	£	£	£	£
7015	Ballybay	Derryvalley Nat. Sch.	Richey, W.	..	..	..	..	..	..	..
7017	„	No. 2 Nat. Sch.	Rogan, W. Hamilton, J. Dodd, T.	..	..	..	..	3	..	..
7018	„	Shean Nat. Sch.	Lennon, T.	..	..	..	..	2	..	..
7034	Carrickmacross.	Intermediate Sch.	Dixon, G.	..	..	..	..	2	..	..
7002	Castleblayney	Lurganearley Sch.	Stoops, A. Stoops, Miss M.	..	..	..	..	..	..	..
7027	„	Carrickaslane Nat. Sch.	Adair, S.	..	..	..	..	2	..	..
7036	Castleshane	Aghnaglogh Nat. Sch.	Farmer, J.	..	..	..	..	9	..	..
7038	Latnamard	Nat. Sch.	Fitzpatrick, T.	..	..	..	..	..	..	..
7007	Monaghan	Model Sch., North Street.	Linehan, P.	..	..	..	..	..	..	..
7008	„	Drumsheeny Male Nat. Sch.	Murray, L.	..	..	..	..	..	..	..
7024	Newbliss	Crappagh Nat. Sch.	McMahon, E.	..	..	..	..	..	..	..
7023	„	Tattenclave, Nat. Sch.	Cunningham, P.	..	..	..	..	..	..	..
7023A	„	Dawson, Nat. Sch.								
7011	Rockcorry	Corravacan Nat. Sch.	Corry, J.	..	..	..	..	..	..	..
	CO. TYRONE.									
7103	Aughnacloy	Intermediate Sch.	Maturin, C.	..	..	..	..	6	..	..
7109	Caledon	Minterburn Nat. Sch.	Campbell, D.	..	..	..	..	..	..	..
7114	Cookstown	Loy Nat. Sch.	Whan, R.	..	..	..	..	..	..	..
7117A	Dungannon	Nat. Sch., William Street.	Boyd, J.	..	..	..	..	3	..	..
7121	Newton Stewart.	Model Sch.	Moore, S.	..	..	..	..	..	..	..
7123	Omagh	Model Sch.	Ferguson, S. H.	..	..	..	..	..	..	..
7137	Sion Mills	Nat. Sch.	Thompson, T. H. Conaghan, G.	..	..	..	..	..	..	..
7130	Stewartstown	No. 2 Nat. Sch., Railway Road.	Whan, R.	..	..	..	..	3	..	..
	Total for Ireland			67	48	12	—	708	103	14
			£ s. d.	0 0	0 0	0 0	0 0	0 0	0 0	0 0
	Total for the United Kingdom			2,155	2,061	2,343	150	3,969	884	1,236

inations in Science—*cont.*

	X. P.	XI.	XI. P.	XII.	XIII.	XIV.	XV.	XVI. & XVII.	XVIII.	XIX.	XX.	XXI.	XXII.	XXIII.	XXIV.	Capitation Grant.	Total.
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£ s. d.	£ s. d.
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	—	5 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	—	15 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	3	11	—	16 15 0
.	..	..	..	..	..	12	4	..	..	..	..	..	..	4	8	—	28 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	—	59 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	14 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	—	22 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	—	22 0 0
1	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	—	4 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	—	29 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	9	6	—	29 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	4	12	—	25 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	—	3 0 0
.	..	..	..	..	..	9	..	..	..	..	..	..	..	8	14	—	37 0 0
.	..	..	..	..	2	..	..	..	..	..	..	..	..	1	4	—	19 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	—	7 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	—	15 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	—	10 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	43	—	80 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	—	22 0 0
.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	3 0 0
3	66	28	64	109	1	186	32	3	1	1	128	1	20	307	1019	—	4473 0 0
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6
	3,295	249	320	812	43	3,087	899	73	150	194	274	59	995	2,344	3,377	268	45376

Appendix B.

LIST OF SCIENCE TEACHERS.

10. LIST of SCIENCE TEACHERS to whom PAYMENTS have been made during the Year 1882, as stated in the preceding Table.

Name.	School Number in preceding Table.	Name.	School Number in preceding Table.
Abbott, J.	2,579	Aveling, E. B.	3,047, 3,047A.
Abbott, T. (St. Helen's)	2,416	Avery, J. F.	2,196
Abbott, T. (Sheffield)	5,435		
Adair, S.	6,110, 6,405, 7,027.	Baggley, C.	4,123
Adams, H.	3,000	Bagshaw, W.	5,014
Adams, T.	5,653	Baile, G. W.	6,019
Adamson, R.	1,175	Baile, R.	6,019
Adcock, F.	710	Bailey, A. J.	4,741
Addey, J. P.	6,916	Bailey, J. B.	3,822
Addie, W. E.	5,819	Bain, G.	5,756
Addiscott, C. J.	2,968	Bairstow, U.	5,254
Agnew, G. A.	5,822E	Baker, C. E.	4,481A
Aimer, J.	5,760, 5,761	Baker, C. R.	3,708
Ainsworth, H.	3,040, 3,190	Baker, S., jun.	4,727
Akroyd, B.	5,189, 5,189B, 5,206, 5,210.	Baker, T.	1,013
		Baker, T. J.	4,723, 4,724A
Alcock, W.	2,458	Bale, F.	5,065
Alderton, H.	4,603	Ball, G. H.	815, 828
Alderton, W. M.	4,603	Ballard, W. J.	4,702
Aldridge, H. E.	703, 3,708, 3,766.	Banister, G. H.	1,914
		Barber, W. C.	5,214
Alexander, J.	6,309	Barber, W. H.	1,864, 1,885
Allan, A.	403A	Barclay, J.	5,841
Allan, R. T. M.	5,761	Barker, A.	2,618
Allan, W.	5,818	Barker, C. H.	2,234
Allberry, E.	5,039	Barker, H. W.	3,074
Allen, T.	2,290	Barker, J.	5,899
Allfrey, F.	733	Barker, J. H.	2,321
Allott, F. W.	5,254	Barker, W. S.	3,423
Allott, J.	5,253	Barklie, R.	6,329
Ambrose, W. H	824	Barnes, H. J.	1,609
Ames, J. Z.	2,843	Barnes, J. (Accrington)	2,009, 2,092
Amos, E.	2,611	Barnes, J. (Manchester)	2,258, 2,264, 2,300, 2,526.
Anderson, A. R.	1,914		
Anderson, J.	5,822A	Barnett, A. K.	524
Anderson, L.	5,727	Barnett, J. C.	5,706
Anderson, T. L.	5,844	Barnett, J. H.	3,626
Anderson, W. C.	1,178	Barnett, T. D.	4,603
Anderson, W. D.	5,754	Barrett, D.	5,296
Andrews, J.	6,329	Barrett, R.	855
Andrews, T. N.	861A	Barritt, I.	2,504, 2,567
Angel, H.	2,841, 2,861, 2,964.	Barter, S.	4,402, 4,465, 4,501.
Angell, J.	2,262, 2,292	Bartle, C.	5,175, 5,370, 5,478.
Annett, T. H.	450		
Appel, E. L. C.	2,620	Bascomb, A. T.	2,927
Apted, F.	4,921	Baskett, G. W.	1,206
Archer, W.	6,720	Batchelor, W. T. J.	2,933
Archibald, T.	5,818, 5,819A	Bateman, J.	4,801
Armitage, J.	2,321	Bates, J. I.	4,762, 4,763
Armstrong, E.	5,688	Bates, T.	2,458, 5,239
Armstrong, J.	2,126	Batterbee, N. S.	1,853
Arnold, J. O.	5,390, 5,425	Baxter, A.	5,688
Arnold, W. J.	6	Baxter, F.	5,436
Ash, M. A.	5,316	Beal, W. J.	2,968
Ashcroft, J. B.	432, 2,434, 2,527.	Beale, A. J.	3,802
		Beale, S. H.	5,831
Ashton, F.	2,258	Beaman, J. M.	1,242
Ashton, S.	2,321	Beard, J.	1,001
Ashworth, J.	1,125	Beaton, W.	1,412
Ashworth, W.	2,142	Beatty, W.	4,545
Atkins, E.	2,606, 2,618	Beckett, F. G.	4,603A
Atkinson, J. (Salford)	2,426	Beckett, T. W.	4,120
Atkinson, J. (Crewe)	407, 408	Bedford, E. J.	4,796
Atkinson, J. W.	2,273	Beer, F.	4,213
Austin, B. J.	101	Beer, S. F.	4,212

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Belcher, W.	4,057
Bell, J. (Manchester)	2,299
Bell, J. (Limerick)	6,234
Bell, J. (Canningstown)	6,511
Bell, T. J.	1,871
Bennett, C.	5,423, 5,425
Bennett, W.	2,178, 2,396
Bennion, J. S.	2,526
Berry, J.	2,075, 2,078
Beringer, J. J.	507, 528
Betley, R.	2,473, 2,486
Betts, E. W.	1,814, 1,815, 1,890, 1,922.
Beveridge, J.	5,825
Bickle, J.	511
Bickle, J., jun.	507A
Bickle, T. E.	511
Biddle, S.	2,865
Bidgood, J.	899
Biffen, H. J.	1,325
Biggart, J. W.	5,852B
Biles, J. H.	5,959A
Billiald, R. A.	1,507
Billingham, F.	3,506
Billingham, O.	5,014
Binns A.	2,624
Bird, C.	1,940
Birkby, J.	5,172A
Birkmyer, J. B.	841
Birney, J.	6,005
Birrell, A.	5,852
Birtwistle, J.	5,003
Bisacre, G.	1,896
Bisset, J.	5,949
Black, F. M.	5,916
Black, J.	5,987
Blackhurst, A.	4,184
Blackman, A.	4,604
Blackwall, G. E.	5,638
Blair, W.	5,881
Blake, A.	4,795
Blamires, G.	5,166
Blencowe, J.	2,716
Blows, S.	302, 303
Blyden, G. T.	1,158
Blyth, J.	5,823
Boardman, E.	5,271, 5,274, 5,481.
Boddy, F.	2,811
Bolton, J. E.	722
Bond, J. K.	860
Bond, R. A.	2,964
Bonney, H.	620
Bonsall, J. E.	710
Booker, F. W.	3,708
Booth, A. A.	2,562
Borland, T.	5,820, 5,906, 5,960.
Botherns, R.	2,232
Bottle, E.	3,080
Bottom, J. E.	5,346
Bottomley, J.	5,185
Boughton, T.	2,626
Boulton, A.	3,807
Bourke, W. R.	2,933
Bowden, J. T.	814, 828, 829
Bowers, T. F.	2,968
Boyd, H. (Newry)	6,722
Boyd, H. (Fintray)	5,950
Boyd, J.	6,932, 7,117A
Boyd, W.	5,882
Brackenbury, J.	5,271
Bradbury, A. A.	707
Bradbury, J.	5,606
Braddock, R. F.	4,541
Bradlaugh, A.	3,047
Bradlaugh, H.	3,047
Bradley, J.	2,277, 2,281
Branston, Z.	5,180
Bray, E.	3,803
Brazier, J.	3,541
Breakey, J. J. C.	6,026
Brebner, J.	5,725
Brennan, J.	6,209
Brennan, T.	2,212
Bresland, J.	6,307
Brewer, R. F.	400, 2,258
Brewer, S. B.	5,064
Brewer, W. T.	1,129
Briant, A. J.	2,208, 2,211, 2,231, 2,245.
Briars, W.	6,316
Briars, W., junr.	6,316
Brierley, J.	1,417
Briggs, T.	5,377
Briggs, W.	5,312
Brockhurst, Kate	2,951
Brockwell, F.	1,863, 4,508
Brook, S.	3,148
Brooks, J.	2,087, 2,568
Broscomb, J. H.	5,313
Brotherton, R.	5,881
Brown, A. W.	4,195, 4,196, 4,200.
Brown, F.	3,144
Brown, F. W.	3,094
Brown, G.	1,182
Brown, G. H.	1,014
Brown, G. S.	5,835
Brown, J. (Dorset)	1,014, 1,016, 1,020.
Brown, J. (Macclesfield)	436
Brown, J. (Kilwinning)	5,881
Brown, J. B.	1,177
Brown, J. V.	7,608
Brown, R. J.	2,550
Brown, W. (London)	3,000
Brown, W. (Athlone)	6,019
Brown, W. (Macclesfield)	436
Bruce, W.	5,994
Brumpton, C.	5,390
Bryant, J.	4,525
Buchanan, A.	4,503
Buchanan, A. M.	5,823
Buchanan, T.	6,382A
Buckley, J.	421
Bull, J.	3,104
Bull, J. H.	1,830, 1,883, 1,915, 4,547.
Bull, W. J.	1,915
Bulmer, W. A.	5,356
Bumby, H.	3,305
Bune, F. W.	3,402
Bunting, R.	2,816
Burgess, W. T.	2,987
Burner, W. H.	829
Burns, A.	6,437, 6,437A, 6,451, 6,452.
Burr, C.	1,922
Burrell, D.	2,720A
Burrows, J. H.	1,873A
Burton, E.	5,015
Burton, J.	2,213
Burton, J. R.	5,004
Burton, S.	2,627
Busbridge, A. W.	3,807

Appendix B.

LIST OF SCIENCE TEACHERS.

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.	Name.	School Number in preceding Table.
Busbridge, J.	1,946, 4,420, 4,440, 4,473, 4,535.	Clark, J. (Morton)	5,365, 5,369, 5,545.
Busbridge, W.	1,915, 2,811, 3,012, 3,014, 3,053, 3,097, 3,143, 4,404, 4,461, 4,495, 4,579.	Clark, J. (Great Horton)	5,201
		Clark, J. (Strichen)	5,937
		Clark, W.	1,851A
		Clark, W. N.	1,158
		Clarke, A.	5,158
		Clarke, C. (Birmingham)	4,723, 4,724, 4,724A, 4,755, 4,793.
Bush, A. E.	1,950		
Bush, J.	5,614	Clarke, C.	6,909
Bush, W.	3,308	Clarke, E.	3,708
Butcher, T.	7,340	Clarke, P.	869
Butler, J. W.	3,202	Clegg, J.	2,760
Butler, M. A. E.	2,620	Cleland, J.	7,690
Butler, W.	2,211, 2,231, 2,245.	Cleland, J. M.	6,906
		Cleland, W.	5,816
Byatt, H.	4,618	Clement, J. M.	2,310
		Clements, A.	6,712
		Clifford, H. E.	5,831
Caldwell, J. (Beith)	5,733	Clifton, C. F.	2,841
Caldwell, J. (Kilbirnie)	5,871	Clinton, T. W.	710
Caley, A.	4,557	Clutterbuck, W. G.	2,851
Callum, W.	5,457	Coates, J.	1,139
Calver, A.	3,074	Cochrane, R.	3,409
Calvert, A.	5,365	Cockett, F. B.	5,214
Calvert, L. S.	5,125	Coey, R.	6,120
Campbell, D.	7,109	Coghlan, J. A.	569A
Campbell, J.	5,824	Coker, G.	206
Campbell, W.	6,385	Cole, P. M. F.	4,611
Candler, T. E.	1,102A, 1,105, 1,134, 1,174, 3,626.	Cole, T. H.	4,611
		Coleman, L.	3,071
		Coleman, W.	4,498
Cannell, J.	2,104	Coles, W. C.	4,901
Capner, A. J. J.	2,510	Collingwood, J. H.	4,497
Capponi, C. J.	4,467	Collins, A. L.	5,214
Card, G. W.	1,136	Collins, E. T.	4,195
Card, T. G.	1,136	Collins, J.	6,270
Carey, A.	858	Collins, T.	528
Carey, P.	6,133	Collins, W. G.	4,017
Carr, B.	5,436	Combes, H.	2,926
Carr, G. M.	1,143	Conaghan, G.	7,137
Carter, A. H.	4,724	Conibeer, H.	3,106
Carter, J.	1,412	Constable, J.	5,463
Carter, J. A.	4,568	Constable, T.	3,629
Carver, J.	3,413, 3,414	Conway, H.	6,246
Cary, R. H.	4,430	Cook, E. H.	1,307
Casey, J.	6,029	Cook, J. T.	5,427, 5,428
Cass, J. T.	5,274	Cook, R.	4,321
Cassidy, J.	6,831	Cook, T.	409
Catford, W. H. B.	914	Cook, T. A.	866
Cattell, G.	4,213	Cook, W.	5,852A
Cattell, T. E.	2,865	Cooke, S.	5,822E, 7,624
Causer, W. G.	4,744	Coomber, T.	1,307
Chadwick, J.	711	Coombs, J. H.	7,314
Chalk, W.	5,463	Cooper, C. F.	2,208
Chalmers, R., jun.	5,758	Cooper, J. R.	1,020
Chaloner, G.	2,861	Cooper, W.	4,611
Chambers, C. P.	2,041	Cooper, W. R.	2,208, 2,211
Chambers, J. (Manchester)	2,262	Corbin, P. G.	1,419
Chambers, J. (Belfast)	6,329	Cordall, E.	2,178
Chapman, H.	5,888	Corin, E. C.	524
Chard, H.	5,621	Cormack, A.	5,754
Charlesworth, W.	1,914	Cormack, H. H.	2,009
Chasteney, F.	3,004	Cormick, W. T.	5,125
Cheeseworth, C. N.	931	Corner, S.	3,708
Cheshire, H. F.	4,611	Cornwall, F.	2,863, 2,914
Chester, J.	5,164	Corrigan, T.	2,266
Chester, S.	2,213	Corry, J.	7,011
Child, R.	5,329, 5,340	Coulthard, J.	1,198
Chirgwin, R. I.	4,921	Cowap, C. R.	448
Christie, J. C.	7,673	Coward, E.	2,349
Clark, D.	4,114	Cowdell, W. M.	2,608

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Cowdry, F.	4,411
Cowens, W. E.	1,944
Cowley, J.	5,182
Cowling, C. H.	818
Cowling, R.	5,164, 5,172, 5,163, 5,486.
Cox, A. W.	4,138, 4,726, 4,744A, 4,746, 4,748, 4,749. 4,756.
Cox, E. J.	3,080
Cox, J.	5,390
Coyle, D.	708
Craddock, E.	5,066, 5,070
Craig, I.	6,121
Craig, W. (Ballymoney)	6,311
Craig, W. (Newtownards)	6,723
Craighead, J.	1,139
Craister, W.	405, 407
Craston, F. R.	2,154
Craven, J.	745
Crawford, J. B.	6,213
Crawford, T.	5,825
Crawshaw, F.	2,119A, 2,384
Craze, J.	885
Crebbin, A.	5,141
Cresswell, A.	4,724
Creswick, A. H.	5,514A
Crick, E. C.	3,515
Cronin, R.	6,120
Crook, W. J	6,732
Crooks, W.	6,925
Crooks, W. J.	6,343
Crossley, A.	2,035, 2,458
Crossley, R.	2,140
Crouch, M.	3,177
Crowley, E. H. E.	828
Crowther, W. E.	2,092, 2,269, 2,550.
Cryer, T.	5,124, 5,178, 5,193, 5,193A, 5,241, 5,318, 5,454, 5,483, 5,531.
Cullen, A.	5,906, 7601
Cundey, J. W.	2,075
Cunningham, H.	5,727, 7,656
Cunningham, P.	7,023, 7,023A
Cunningham, R.	7,604
Curnow, J.	891, 896
Currie, J.	5,718
Cussons, G.	2,119A, 2,154, 2,281, 2,376.
Dale, J. (Aberdeen)	5,705
Dale, J. (Macclesfield)	436
Dallas, J.	6,907
Davenport, T.	416
Davey, W. C.	3,630
Davidson, D.	5,820
Davidson, W. W.	6,719
Davies, E.	2,212, 2,517
Davies, G. W.	416, 418
Davies, M. H.	5,663
Davies, S. W.	3,183, 1,603
Davies, T.	7,350
Davis, B.	4,459A
Davis, E.	2,946
Davison, T.	5,352
Davison, W.	407
Davy, W.	2,861
Dawson, G.	2,152
Dawson, J. D.	5,788
Day, A. G.	4,467

Name.	School Number in preceding Table.
Dean, J.	2,443
Deans, J.	6,354
Debnam, A. R.	874
Dechan, M.	7,659
Dedman, J. C.	4,920
Deeny, C.	6,618
Denison, G. T.	709
Denyer, A.	2, 18
Deverell, G. S.	1,129A
Devlin, M. E.	6,115
Devine, M. J.	6,225
Devonshire, J. H.	2,951
Dey, R.	7,601
Dibdin, H.	4,028
Dick, W.	5,956,
Dickie, H.	5,878
Dickson, G.	5,734
Dickson, J.	5,869
Dingle, J. A.	583
Dishart, W.	407
Dittmar, W.	5,823
Dixon, E. M.	5,976
Dixon, G.	7,034
Dixon, W.	2,119, 2,122, 2,384.
Dodd, T.	7,017
Dodgson, G. H.	5,158
Donald, A. J.	6,234
Done, T. A.	2,280
Donovan, R.	6,123
Dony, J. H.	12
Doogan, P. C.	6,137
Doughty, A.	5,511
Doughty, D. W.	620
Douglass, T.	1,175
Downes, G. W.	4,453, 4,528
Downing, R. W.	1,406
Drew, G. C.	2,908
Driver, J.	417
Duckworth, T.	403A, 2,154
Duerr, G.	2,116, 2,178, 2,464.
Duguid, A. E.	5,732
Duguid, J.	7,663
Duncan, W. S.	4,168
Dunkerley, J. W.	3,046
Dunlop, R.	5,816
Dunman, T.	2,832, 2,861
Dunn, A.	7,674
Dunn, G. S.	4,724
Dunn, J. T.	3,626
Dunsmore, H.	5,822, 5,822B
Dyer, B.	3,000
East, W. H.	1,842
Eaton, B.	5,547
Ede, G.	1,830A
Edmonds, H.	4,603
Edwards, C. W.	1,613
Edwards, H. C. A.	5,072
Edwards, H. L.	2,216, 2,217, 2,473, 2,519.
Edwards, S.	7,303
Edwards, W. J.	6,419
Ellercamp, H. G.	1,830, 2,951, 4,495.
Elliott, J. J.	6,706
Elliott, S. J.	2,372
Elliott, T. (Manchester)	2,259
Elliott, T. (Belfast)	6,317
Elliott, W. D.	5,274, 5,274A
Ellis, A. M.	3,626
Ellis R. H	2,126

Appendix B.

LIST OF SCIENCE TEACHERS.

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Eltringham, W. T.	1,152, 3,626
Elwen, T. L.	1,194, 1,200
Embrey, G.	1,322, 1,340
Emmott, J.	2,314
England, J.	2,213
English, W.	6,453
Evans, F.	2,510
Evans, G. H.	517
Evans, J. C.	2,968
Evans, P.	5,549
Evans, R.	5,639
Evans, T.	5,050
Evers, H.	3,616
Ewart, E. B.	2,213
Ewen, H.	1,616
Eyre, S.	2,647
Fairman, J. B.	1,612
Fairweather, J. G.	5,775
Fall, G.	5,494
Farlie, J. B.	1,915
Farmer, E. H.	4,497
Farmer, J.	7,036
Farnfield, S.	1,428, 4,449, 4,449A, 4,451, 4,452, 4,454, 4,455, 4,530, 4,538, 4,563.
Farnsworth, E.	5,428
Farrand, G. F.	2,258
Farr, J. J.	7,314
Farr, S.	5,065
Faulkner, J.	4,467
Faulkner, J., junr.	4,467
Feehan, J.	6,031
Fell, J. C. (London)	2,861
Fell, J. C. (Stratford)	1,212
Ferguson, S. H.	7,123
Ferguson, W.	5,816
Fewings, E.	3,106
Fforde, W. J.	6,329
Field, W.	4,565
Fink, J. D. H.	4,432, 4,468, 4,561.
Finlay, A.	442
Firth, A.	416, 418, 455
Fish, N. G.	3,917
Fishenden, R. E.	2,720
Fisher, A.	4,603, 4,603A
Fisher, G.	3,515
Fitzgerald, D.	6,227
Fitzpatrick, T. (Latnamard)	7,038
Fitzpatrick, T. (Belfast)	6,377
Fleming, A.	3,631
Fleming, T.	3,620, 3,626, 3,659.
Fletcher, J.	2,568
Flett, R. G.	2,213
Flockton, H. B.	4,467
Forbes, J.	6,390
Ford, F.	829
Ford, G.	5,436, 5,437
Fordyce, W.	7,640
Foreman, G.	2,604
Forrest, T.	5,445
Forsyth, F. F.	1,134
Foster, F.	1,616
Foster, T. C.	6,105
Foster, T. J.	4,197
Foster, W.	2,496
Foulds, J.	5,120
Foyer, H.	2,217
Frame, W.	6,501
Francey, J.	6,310, 6,310A
Francis, D.	5,631
Francis, E.	742
Franks, W.	2,627
Fraser, J. P.	5,708
Freeman, A.	620
Freeman, G. A.	3,145
French, W. C.	712
Frow, A.	2,565
Froysell, J.	2,213
Fryer, H.	2,216, 2,234
Fulton, J.	5,959
Gadd, W. R.	753
Gahan, M.	6,242
Gahan, W. P.	6,242
Galt, A.	5,976
Gamble, S. G.	2,720A
Game, W.	2,704
Gamon, J.	1,102, 1,184, 1,193.
Gand, J. H.	886
Gardiner, A.	5,254
Gardiner, G. H.	1,102
Gardner, H.	2,802
Gardner, J.	2,365
Gardner, J. H.	3,011A
Garner, E. H.	2,754
Garside, F.	2,329
Gaskell, W.	3,766
Gasson, G. P.	563
Gatehouse, J. W.	4,006
Gatenby, H.	5,311
Gaunt, J.	5,316
Gautrey, T.	4,537
Gayne, A. J.	1,409
Gee, W. H.	2,258
Gee, W. W. H.	436
Geoffroi, H. M.	525, 545
George, I. E.	2,217, 2,237
George, J. G.	2,519
George, T.	4,905
Gibb, H.	5,878
Gibbons, O.	3,901
Gibson, J.	6,742
Gibson, W. H.	5,243
Gilbert, H.	2,190
Gill, A.	3,004
Gill, E. R.	1,622
Gill, J.	513
Gillam, J.	5,736
Gillespie, J. J.	6,704
Gilmore, J.	6,415
Gilmore, R. M.	6,930
Ginks, J. R.	4,737
Glassford, W. O.	2,155
Glazier, R.	2,396
Glen, T. M.	5,718
Glenny, W. J.	3,195
Glover, A. W.	10, 11, 15, 19
Glover, W.	5,640
Goble, P.	1,944
Goddard, A.	305
Goddard, R. D.	3,190
Goldie, A.	5,748, 5,814, 5,814A, 5,909, 5,982, 7,057.
Goldie, C. D.	1,715
Goldie, E.	3,617
Good, T. W.	4,497
Goodman, W.	1,946
Goodwin, G.	2,964
Gordon, F. M.	2,976, 2,863

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
all, H.	5,133
ng, J. W.	816
ng, N. J.	4,018
h, T.	5,489
r, A.	206
e, F.	4,603
am, J. D.	5,727
am, T.	2,116, 2,384
am, W.	3,611
t, A.	588
t, J.	5,870
, J. Y.	5,901
ves, J. E. E.	2,203, 2,396, 2,398, 2,441, 2,482.
n, G.	5,358
n, J. B.	5,398
nall, T. H.	2,372
nhalgh, R.	2,582
nhow, A.	2,191
ning, F.	4,481A, 4,497
nwood, J.	2,309
nwood, W. M.	4,306
g, J. H.	703
g, R. A.	505A
ville, A.	2,989, 3,080, 3,089.
, W. J.	3,616, 3,626
, J.	1,120
ve, W. H.	2,216, 2,513
ith, J. R.	7,351
iths, W. T.	4,306
dle, T.	2,357
, C. J.	4,459
es, R. C. W.	841
b, D. S.	5,802, 7,603
b, W. M.	5,759
n, A.	4,215
nell, W. F.	1,855
ing, W. E.	2,142
dock, A.	2,212, 2,517
leld, G. H.	2,478
erty, C. E.	4,432, 4,468, 4,561.
erty, G. A.	828
h, J.	5,446
, T. C.	3,658
y, S.	5,127
head, T. W.	2,138, 2,551
R. A.	3,626
J.	3,151
J. W.	3,305A
iday, C. W.	5,122, 5,178, 5,237, 5,377, 5,465.
ing, J. A.	2,437, 2,527
well, J.	2,157
ilton, J. (Ballybay)	7,017
ilton, J. (Whitburn)	5,987
ilton, S.	6,437
ıan, W. I.	2,022, 2,329, 2,450.
on, J. W.	1,124
ison, A.	6,723
castle, W.	5,133
y, J. C.	5,349
reaves, J.	4,014
reaves, J. A.	2,105
ness, M.	6,342
and, A.	3,169
and, T.	6,210
ett, T. W.	206

Name.	School Number in preceding Table.
Harper, E.	4,702
Harrap, C.	2,285, 2,575
Harrap, G. T.	2,575
Harrington, D. O.	116
Harris, B.	5,666
Harris, D.	5,666, 7,317
Harris, E. R.	2,933
Harris, F. W.	407
Harris, H.	2,736, 2,736A, 2,736B.
Harris, I.	1,206
Harris, J. (Swansea)	5,666, 5,685, 7,317, 7,343.
Harris, J. (Salisbury)	4,913
Harris, R. F. P.	5,320
Harris, T. F.	1,805
Harris, W. J. P.	5,316
Harrison, A.	1,139
Harrison, J.	5,133, 5,141, 5,375.
Harrison, T.	6,367
Harrison, W.	4,213
Harrison, W. H.	3,908
Harrison, W. J.	4,760, 4,796
Harvey, A.	507A
Harvie, R.	5,294
Hatt, F.	2,762
Hatton, G. H.	3,088
Hatton, S.	6,374
Havell, C. R.	101, 104
Hawkes, F.	3,203
Hawkes, S.	2,217, 2,519
Hawking, W. T.	586
Hawkins, B.	4,498
Hawkins, H.	2,516
Hayes, T.	5,185
Hays, G.	4,431
Hayward, J. H.	2,985, 4,535
Heald, J. T.	2,009
Heap, C. J.	4,763
Heap, J. F. G.	2,234
Heap, L.	2,172
Heape, H.	809
Heaton, J.	5,158, 5,525
Heaton, T. T.	5,124, 5,178
Hebblethwaite, E.	2,867
Hendrie, J.	7,640
Hennings, H.	2,951
Hennings, R. J.	4,432
Hepworth, J.	1,922
Hepworth, J. W.	1,812
Heron, J.	4,120
Hewerdine, H.	5,446
Hewitt, A.	3,902
Hewitt, J.	5,043
Hewitt, W.	2,214A, 2,240, 2,244.
Heyworth, J.	2,035
Hick, T.	5,133, 5,316
Hickson, J.	436
Higginson, J.	6,353
Higham, R. H.	4,047
Higham, V. E.	4,047
Hill, H.	3,515
Hill, H. G.	1,308
Hill, J. H.	2,262, 2,473
Hilton, A.	2,258, 2,438
Hind, H. R.	4,120
Hingston, F. W.	3,053
Hiorns, A. H.	4,138, 4,224, 4,724, 4,728, 4,756.
Hitchings, J.	828, 867

Appendix B.

LIST OF SCIENCE TEACHERS.

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Hobson, J. B.	2,265
Hockaday, W. T.	859
Hocking, E. C.	1,206, 1,239
Hodson, E. R.	1,603
Hoffert, H. A.	101
Hoffert, H. H.	101
Hogarth, T. O.	4,921
Holbrook, G. W. H.	5,014
Holden, G.	2,104
Holderness, H. J.	891
Holgate, T.	2,104
Holliday, J. W.	2,280
Holroyd, J.	3,740
Holt, H.	2,400
Hooker, J.	4,302
Hope, C. F.	2,334, 2,373, 2,553, 2,554, 2,555, 2,583.
Hopkins, H. J.	1,311
Horsfall, J.	2,035
Horsfield, A.	619
Horsman, T.	5,316
Hough, J.	4,212
House, W. H.	4,907A
Houston, D.	2,861, 4,537
Howard, J.	2,964
Howarth, H.	2,365
Howe, E.	5,300
Howells, J. W.	1,842
Howlett, W. H	2,122
Hughes, C. J.	5,679
Hughes, E.	7,352
Hughes, H.	2,234
Hullah, A.	5,105, 5,319, 5,548.
Humphrys, R.	5,681
Humphrys, W. H.	519
Hunt, R.	2,927
Hunter, F. W.	1,160, 1,162 3,617.
Hunter, H. L.	5,180
Hunter, J.	7,688
Hurrell, S.	4,212
Hurley, T. J.	6,255
Hurst, G. A.	2,023
Hurst, G. H.	2,426
Husbands, M.	4,470
Hutchings, H. A.	1,612
Hutchinson, W.	4,188, 4,195, 4,212.
Hutchison, B.	5,822E
Hutton, G.	2,277, 2,299
Hyde, H.	2,258, 2,280, 2,299, 2,526.
Hyslop, T.	5,944
Illston, G. A.	5,385
Ilsley, J. S.	508
Ingham, I.	2,563
Ingham, R.	5,371
Ingram, W. J.	1,007
Ireland, W.	5,814, 5,814A
Irwin, E.	6,010
Irwin, W. C.	6,120
Isherwood, T.	2,051, 2,052
Ison, E.	5,312
Jack, D.	6,311
Jackson, E.	4,727
Jackson, M.	4,702
Jackson, R.	2,116, 2,278, 2,384.
Jackson, T.	5,318, 5,454, 5,531.
Jacobs, W.	3,040
Jagger, W.	5,140
Jago, C. S.	866
Jago, W. (Camborne)	505
Jago, W. (Brighton)	4,603
Jalland, W. H.	3,735
James, C.	3,400
James, J.	3,405
James, J. W.	1,307
Jameson, H. G.	2,739
Jamieson, A.	5,828
Jamieson, W. S.	5,845
Jarmain, G.	5,254
Jarvis, W.	1,801
Jeffares, J.	1,417
Jeffery, T.	2,001, 2,145, 2,173.
Jenkins, C.	3,515
Jenkins, G.	5,697
Jennings, A.	2,986, 3,010, 4,422, 4,433, 4,537, 4,544.
Jennings, J.	1,222
Jerman, R.	841
Jesseman, A.	3,010
Johnson, B.	2,811, 2,986
Johnson, C.	5,754
Johnson, H. A.	5,129
Johnson, J.	1,126
Johnson, J. B.	5,129
Johnson, L.	3,607, 3,652, 3,656.
Johnston, W.	5,927
Johnstone, R. B.	2,100
Joll, B.	5,254
Jones, A. (Llanelly)	5,631
Jones, A. (Armley)	5,105, 5,319
Jones, C.	2,269
Jones, D. (Dudley)	5,017
Jones, D. (Aberaman)	7,312
Jones, D. (Pontardulais)	5,655
Jones, E.	2,104, 2,105
Jones, F.	2,262
Jones, F. H.	4,303
Jones, F. T.	3,923
Jones, H. C.	2,861
Jones, J.	5,639
Jones, J. E.	5,631, 5,632, 7,332.
Jones, M. O	5,671
Jones, R. W.	2,240
Jones, T. (Manchester)	2,258, 2,425
Jones, T. (Bury St. Edmunds).	4,304
Jones, W. (Birmingham)	4,724
Jones, W. (Carmarthen)	5,619
Jones, W. E.	2,172
Jordan, P.	6,273
Joseph, J.	5,066
Jowett, G. T.	5,189, 5,189A
Joyce, P. K.	6,101
Judson, T. H.	5,627
Kay, J.	2,104
Kean, J. A.	5,494
Keast, A.	5,602C
Keeping, W.	5,489
Keighley, T.	5,296
Kell, J.	6,320
Kemp, J.	1,340
Keen, A.	7,341

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Kendall, F.	3,922
Kennedy, J.	803
Kennedy, W. P.	5,857
Kennerley, F. F.	2,433
Kenny, M.	6,219
Kerry, A. F.	3,822
Kershaw, E. R.	5,316
Kershaw, T. (Hebden Bridge).	5,234, 5,254
Kershaw, T. (Manchester)	2,264, 2,277
Kershaw, T. (Ashton-under-Lyne).	2,022, 2,450
Kiddie, T.	1,120
Kidson, E.	4,188, 4,713
King, J.	6,337, 6,393
King, T.	5,828
Kinmond, D. G.	5,960
Kirkland, H.	5,861
Kirkwood, J.	5,962
Knight, A.	5,530
Knight, W. J.	6,209A
Knighton, G. H.	731
Knowles, M.	4,142, 4,184
Knowles, W. H.	3,626
Knowles, W. J.	6,308, 6,339
Knox, D. N.	7,624
Kyle, A.	5,754
Lacey, J. T.	2,191
Laidlaw, J.	4,306
Lakin, R.	2,315
Lancaster, J.	5,110
Lane, T. (Tonbridge)	1,905
Lane, T. (Birmingham)	4,714
Lane, W. C.	2,237
Langman, A. W. F.	1,417
Larkin, J. J.	1,124
Lash, R.	1,922
Law, R.	2,035, 2,398, 2,443, 2,446, 2,458, 5,210, 5,234.
Lawrence, W. T.	1,505
Lawton, H. A.	1,022
Leadley, L.	5,133
Leaper, C. J.	6,116
Leather, P.	2,123
Lee, G.	3,530
Lee, G. W.	5,725
Lee, H.	5,743
Lee, J. C.	3,305
Lees, C.	1,508
Lees, H.	604
Lees, S. O.	2,412
Lees, W.	5,775
Lennon, T.	7,018
Levy, J.	3,708, 3,722
Lewis, C.	2,051
Lewis, D. M.	5,602B
Lewis, G.	5,357
Lewis, G. P.	5,675
Lewis, J. T.	1,412
Lewis, T. J.	2,213
Liddall, J. D.	448
Liddell, R. W.	3,632
Liddle, G.	5,804
Lilley, A. L.	6,732
Lilley, L.	5,170
Lineham, W. J.	5,178, 5,193, 5,193A, 5,241, 5,318, 5,321.
Linehan, P.	7,007
Lines, R.	1,812
Lishman, R.	5,148
Lister, A. S.	2,122
Littlewood, J. A.	5,158
Livesey, J. E.	2,832
Livingston, C.	5,957
Lloyd, T.	5,650
Lockie, J.	5,893
Lockwood, H.	5,393
Logan, J.	6,139
London, T.	5,305, 5,321
Longstaffe, J.	4,195, 4,196
Loudon, R.	1,170
Loughridge, C. M.	6,907
Low, D.	5,741
Low, D. A.	5,976
Lowe, A.	4,470
Lowe, G. T.	5,312
Lowe, W. F.	448
Lucas, A.	2,213
Lucas, W. J.	4,459
Luff, W.	3,304
Lugg, E. H.	528
Lugg, R. J.	513
Lukies, W. E.	586
Lumsden, T. W.	7,676
Lyall, W.	5,756
Lynch, C. E.	1,192
Lynch, E. W.	860
Lyons, M. J.	5,641, 5,643, 5,684.
Macadam, S.	5,775
McAlister, E.	6,115
McAlley, R.	5,804
McAlpine, D.	5,775
McBain, A.	7,645
McBean, A. F.	5,436
MacBirnie, J.	5,835
McCallum, J. D.	5,973
McCarthy, D.	6,223, 6,226, 6,248, 6,251.
McCarthy, D. E.	6,281
McCarthy, J. (Enniskean)	6,223
McCarthy, Jer. (Skibbereen)	6,245, 6,268
McCarty, W. W.	2,976, 3,050
McClelland, A.	6,352
McClemans, T.	6,353
McConnell, P.	7,624
McCormac, W. J.	6,377
McCormick, A. J.	2,964
McCrorie, D.	7,683
McCullagh, J.	2,255, 2,280
McDermott, C.	6,207
McDonald, J. Y.	5,814, 5,814A
McDonald, R.	6,714
Macdonald, W. J.	5,777
McDowell, J. D.	6,701
Macfarlane, M.	5,843
McGann, C. P.	6,284
Macgill, W.	5,808
MacGinley, T. C.	6,624, 6,624A
McGregor, W.	5,856
McHoull, R. P.	5,814, 5,814A, 5,877.
Mackay, G. M.	5,980
McKean, J.	5,775
McKee, T. J.	6,926
McKenzie, J. (Aberdeen)	5,705
McKenzie, J. (Belfast)	6,377
Mackinlay, D.	5,976
McKinless, T.	2,434
Mackrell, I.	2,968, 3,011, 3,127.
McLaren, R.	5,816

Appendix B.

LIST OF SCIENCE TEACHERS.

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.	Name.	School Number in preceding Table.
McLay, A.	5,816, 5,828	Millar, A.	5,947
McLean, A.	7,656	Millar, C. B.	5,877
McLellan, B. S.	5,705	Millar, R.	5,866
McLure, J.	7,654	Millard, C. S.	1,326
MacMahon, E.	7,024	Millard, G.	7,311
MacMahon, J.	2,122, 2,471, 2,484.	Miller, A. J.	3,142, 4,426
		Miller, D. G.	5,722
McManus, P.	6,817	Miller, J.	1,010
McNicol, P.	5,827	Miller, J. A.	5,312
McPherson, C. S.	5,986	Miller, R.	5,718
McPherson, G. L.	5,996	Mills, E.	4,413
McPherson, J.	7,640	Mills, J.	2,463
Macpherson, J. R.	7,341	Milne, J.	5,883
Macpherson, W.	6,417	Minhinnick, E. M.	865
McQuade, A.	6,732	Minshill, W. H.	6,330
McQueen, J. C.	4,402	Mitchell, J.	5,228
McRobert, A.	5,705, 5,708	Moaksom, T. J.	311
Magee, J. T.	4,505	Moffett, S.	6,381
Maggs, F.	1,937	Molison, A. R.	5,665, 5,674, 5,675.
Maguire, C.	6,334		
Mahir, T.	2,564	Monckman, J.	2,103, 2,104
Maidment, H.	4,433	Montgomery, T.	6,391
Major, L.	2,959	Moodie, R.	5,725
Malcolm, G.	5,758	Moore, A. E.	1,883
Mann, W. P.	2,618	Moore, E.	2,827, 2,828
Manson, T. F.	3,633	Moore, E. E. T.	5,125
Manton, G.	5,493	Moore, H.	3,822
Marle, H.	2,968	Moore, J.	3,626
Marle, R.	2,101	Moore, S.	7,121
Marlow, F. G.	623	Morgan, C.	1,933
Marples, H.	5,225	Morgan, D.	5,631, 6,454
Marsh, W. H.	1,890	Morgan, R.	6,445
Martin, F.	4,173, 4,173A	Morley, H. S.	2,568
Martin, H.	6,711	Morley, I. H.	3,767
Martin, H. J.	5,240	Morris, C. (Plymouth)	865
Martin, J.	4,556	Morris, C. (Enniskillen)	6,801
Martin, W. (Jarrow-on-Tyne)	1,120	Morris, J. (Llanelly)	5,629, 7,318
Martin, W. (Brighton)	4,603	Morris, J. (London)	4,467
Martin, W. H.	2,863	Morris, J. (Bolton)	2,091, 2,359
Martyn, W.	1,120	Morris, J. E.	3,822
Marwood, D.	4,482	Morrison, M.	5,912
Mason, B. F.	4,114	Morrison, W.	5,994
Mason, J.	4,199	Morton, R.	2,316
Mason, J. A.	1,130	Moss, G. T.	3,418
Mason, W. T.	2,092	Moss, H.	2,811, 3,010, 4,435, 4,525.
Massee, G.	5,597		
Mather, J. H.	2,076	Moss, W.	2,075
Mather, W. B.	2,076	Mottram, W.	3,148
Matthews, C.	6,931	Mowat, D. M.	5,816
Matthews, H.	1,333	Moylan, I.	6,234
Mattinson, J.	6,357	Mudford, F. J.	899
Maturin, C.	7,103	Mulholland, J.	6,363
Maunder, S. G.	803	Mullan, J. A.	6,905
May, T. F.	587	Mullett, W.	2,044
Maybury, A. C.	2,903, 3,000	Mulligan, T.	6,510
Mead, A. J.	442	Munro, J.	1,307
Meaden, H. P.	1,110, 1,176	Murdock, J.	6,329
Medley, E. G. F.	4,432, 4,497	Murphy, J.	6,266
Megaw, R.	6,365	Murphy, P.	6,200
Meggs, J.	3,176	Murray, A.	5,822B
Mellor, M. E.	5,296	Murray, L.	7,008
Menzies, J.	5,273, 5,275	Murray, P.	6,830
Merrifield, J.	865	Musgrave, J. D.	6,277
Metcalfe, C. S.	1,144, 1,168	Myers, A.	5,365, 5,369, 5,545.
Metcalfe, G. U.	5,173		
Metcalfe, M.	1,144	Myhill, C.	3,022
Meyer, C.	2,963	Napier, N. F.	6,328
Michell, P. J.	822	Narramore, W.	2,517
Middlelditch, G.	1,241	Nash, O. S.	5,653
Middleton, J.	5,822A	Nesbitt, A. M.	2,262
Midgley, C. W.	5,508	Neville, F. W.	2,849, 2,896, 3,183.
Midgley, T.	2,101		
Milburn, W.	1,144, 1,168	Newell, A.	2,140

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Newman, J.	4,919, 4,921
Newton, W.	2,152
Nichol, W.	1,145
Nichols, E.	4,106
Nichols, J. A.	739
Nicoll, J.	5,942
Nicolson, E. C.	1,126
Ninnes, G. I.	4,411
Nixon, R.	3,614, 3,646, 3,649, 3,651, 3,654, 3,655, 3,657.
Nixon, T.	1,502
Norris, B.	1,508
Norris, H. E.	1,711
Norris, W.	2,255
Nyhan, D.	6,261
Nyhan, J.	6,263
Oaten, S.	1,908
O'Bennett, T.	5,469
O'Brien, C.	2,023, 2,280, 2,288, 2,289.
Odell, J. W.	1,613
O'Donoghue, D.	1,813, 1,919
O'Dowd, D.	6,037
Ogden, W.	418
Ogilvie, A.	5,705
Ogilvie, F. G.	5,705, 5,708
Oldfield, G.	5,311, 5,329, 5,340, 5,362, 5,371, 5,375.
Oliver, E.	4,535
Oliver, J. H.	3,626
Oliver J. W.	4,724
Oliver J. Y.	5,274
Oliver, W. D.	3,626
O'Neill, M.	2,357, 2,423
Onions, T.	1,117, 1,159, 1,180.
Onn, W. T.	1,319
O'Reilly, J.	6,257
O'Rorke, M.	5,757
O'Rorke, P.	6,007
Orr, S.	6,312, 6,359
Osborne, C. M.	2,982
Osborne, T.	6,318
Oswald, J.	2,550
Outon, C. B.	1,212
Overend, J.	5,776
Owen, B.	2,318
Owen, J. A.	2,213
Owen, L. H.	2,832
Owen, W. W.	5,689
Oxley, C. H.	5,485
Packer, M. W.	2,751
Pady, W. J.	933
Palmer, J. C.	2,976
Park, J.	2,816
Parker, J.	5,234
Parker, J. J.	3,000
Parker, W. H.	2,052
Parkinson, A.	4,467
Parnell, W.	2,251
Parry, P.	1,863, 2,987, 3,094A, 4,506, 4,508.
Parsons, W. E.	3,205
Pascoe, J.	1,702
Patchett, I.	5,122, 5,178, 5,237.
Paterson, S. T.	5,183A
Patterson, W.	6,915
Patrick, A.	5,365
Paul, J. B.	5,831
Paul, L. W.	1,853
Paxton, J. F.	1,117
Payne, C. A.	3,822
Payne, J.	2,903
Peacock, J.	5,550
Pearce, J. (Grantham)	2,720A
Pearce, J. (Plymouth)	859
Pearson, J. T.	2,102
Pearson, T.	1,933
Pedley, W.	5,633
Pegg, I. B.	3,016
Pellowe, W. O.	866
Pendlebury, R.	2,368
Pennington, J. de	2,368
Pennington, W.	2,399
Pepper, W. T.	5,425
Percy, C. McL.	2,473, 2,486
Percy, T.	2,526
Perkins, F. P.	841, 913
Perry, J. H.	1,861, 1,862
Petty, J.	5,482
Petty, L.	5,295
Petty, R.	5,493
Phayer, R. P.	1,813, 1,919
Philip, J.	2,321
Philips, T. W.	2,841, 3,000, 3 199.
Phillips, W.	4,776
Phythian, J. P.	2,321
Piggott, W. W.	4,537
Pike, R. W.	2,811
Pilley, J. J.	2,805, 2,903
Pillow, E.	407, 2,258
Ping, W.	5,437
Pitchford, J.	619
Pollard, J. H.	5,331
Pond, H.	4,430
Poole, J.	2,258
Pooley, J.	1,007
Pope, W. J.	1,830, 1,871, 3,104, 4,545, 4,547.
Porritt, W.	4,052
Porte, G.	6,108
Porteous, J. S.	5,972
Porter, W. J.	6,355
Potter, N. C.	4,123
Potter, T.	5,127
Potts, J.	5,065
Powell, C.	2,289
Powell, J. T.	2,903
Poyser, A. W.	2,618
Pratt, R. (Barrow-in-Furness).	2,041
Pratt, R. (Ulverston)	2,584
Preston, H.	2,720A
Price, H. S.	4,537
Price, J. B.	2,365
Price, J. H.	1,197
Pritchard, Z.	2,262, 2,501
Procter, J.	3,071
Proctor, G.	5,961
Proctor, T. A.	5,365
Proud, J.	3,658
Prout, T. P.	553
Provis, R.	507, 552
Pugh, T.	2,871
Purvis, F. P.	5,754
Pybus, J.	3,633
Pye, F.	2,365

Appendix B.

LIST OF SCIENCE TEACHERS.

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Quick, J.	1,863, 1,913, 1,915.
Quinn, E. P.	2,264, 2,285, 2,286.
Race, R.	2,300
Rafter, H.	887
Rainey, J.	6,722
Raitt, W.	5,828
Ramshaw, R.	3,648
Randall, J.	1,805
Ranken, C.	1,196
Rankin, G.	4,556
Rankin, T. T.	5,816, 5,865
Rawson, W.	5,296, 5,369
Read, A. J.	5,316
Read, J.	5,273, 5,274
Reading, J.	1,612
Readwin, W.	622
Redman, H. R.	4,470
Reed, G.	4,246
Rees, J. E.	5,680
Reid, J. K.	5,912
Reid, W.	5,819
Renard, E.	5,395
Renton, D.	5,903
Richards, W. F.	3,071
Richardson, A.	890
Richardson, H.	409
Richardson, J.	3,823
Richey, W.	7,015
Richman, H.	3,004
Ridd, W. J.	5,357, 5,367
Riddell, J.	5,965
Rider, A. J.	818, 875
Rider, C.	5,312
Ridge, A.	5,305
Riding, W. H.	2,133, 2,138, 2,139, 2,560.
Riley, E. C.	4,921
Riley, W.	5,555
Ripper, W.	5,436
Ritchie, W. A.	7,662
Roberts, A. K.	5,763
Roberts, J. (Salford)	2,429
Roberts, J. (Pontardulais)	5,654
Roberts, S.	559
Roberts, T. L.	5,673
Roberts, W. F.	2,237
Robertson, J. (Dunfermline)	5,765
Robertson, J. (Oldham)	2,321
Robertson, W.	5,970
Robins, G.	898
Robinson, E.	2,023
Robinson, G. C.	5,273
Robinson, J. (Cork)	6,211
Robinson, J. (Manchester)	2,576
Robinson, J. R.	6,328
Robinson, W. I.	5,240, 5,316, 5,322, 5,323.
Robson, G.	2,627, 3,658
Robson, W.	3,632
Roe, J.	1,889
Rogan, W.	7,017
Roger, J.	5,712
Rogers, J. T.	822, 859
Rogers, W.	2,300
Rogers, W. H.	1,419
Rolfe, W.	1,416, 1,424
Rollo, W.	5,905
Rose, B. J.	4,497
Rose, E.	2,287
Rose, J. A.	2,827
Rose, S. B.	5,436
Ross, H.	6,012
Ross, J.	5,987
Ross, J. A. G.	1,124, 3,617
Ross, M.	7,601, 7,601A
Ross, W. J. C.	2,861
Ross, Z. M. H.	5,865
Rothera, C. J.	3,708
Rothwell, R. R.	2,280
Rothwell, W.	2,504
Rowden, W. T.	5,823
Rowe, J.	4,070
Rowland, G. J.	728
Rowlands, D.	7,302
Rowston, R.	1,437
Rudd, T.	1,871
Rudd, W. A.	1,934
Rushforth, J. T.	5,385
Rushworth, W. H.	2,102
Russell, A.	5,822D
Russell, E. T.	2,632
Russell, H. W.	1,612
Rutter, T.	3,191
Ryan, J.	6,123
Ryan, J. F.	3,416
Ryan, L. J.	6,114
Sadler, W.	603
St. John, G.	5,085
Saltmarsh, E. A.	866
Saltmarsh, B. R.	866
Sandell, O. J.	4,535
Sanderson, N.	5,423
Saunders, J. (Luton)	16
Saunders, J. (Wolverhampton.)	4,212
Sawyer, R. J.	4,794
Scaping, Z.	5,272
Scarf, I.	2,964
Scarr, W. H.	2,141
Schleswick, L.	5,669
Scholfield, W. E.	4,184
Schuler, J. G. C.	2,599
Scotson, J.	2,264
Scott, G.	2,237, 2,510
Scott, J. L.	2,178
Scott, R. (Dundee)	5,758
Scott, R. (Co. Fermanagh)	6,804, 6,808
Scott, T.	5,852
Seaman, W.	567
Seary, T. G.	4,492
Selden, R. J.	4,611
Sellars, G.	5,485
Semmons, W.	3,000
Severs, G.	5,120, 5,133
Seward, W.	7,304
Sewell, J.	1,142
Sexton, A. H.	4,116
Seymour, P. W.	2,863
Shardlow, J. T.	731
Sharkey, J.	6,145
Sharp, C.	1,412
Sharpe, G. H.	2,243, 2,519
Sharrocks, J.	2,102
Shaw, R.	4,212
Shedden, W.	5,912
Shekleton, W. A.	6,014
Sheldon, J.	3,743
Shelton, J.	1,814
Shepherd, A.	5,371, 5,375
Sheppard, W.	841
Sherwood, F.	3,705

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Shilton, A. J.	4,188, 4,724
Shockley, R. C.	3,419
Shore, T. W.	1,417
Shorthouse, E.	4,706
Shuttleworth, W. T.	5,446
Simkin, T.	449
Simons, C.	206
Simons, C. D.	914
Simpson, A.	5,273
Simpson, B.	2,986, 3,010, 3,122, 4,433, 4,442, 4,544.
Simpson, E.	2,737
Simpson, E. J.	2,605
Simpson, J.	7,660
Singleton, A. H.	2,968
Singleton, H.	5,126
Skillen, H. A.	6,373
Skilton, A. J.	4,188
Slade, J.	2,861, 3,000
Slatter, G. W.	5,395
Slattery, T.	6,252
Slingo, W.	2,804
Sloan, R. A.	403A, 2,211, 2,212, 2,231.
Sloane, J. M.	6,809
Small, J. K.	5,757
Smart, H.	1,412
Smart, H. C.	2,843
Smart, P. H.	5,864
Smeeton, J.	2,739
Smethurst, H.	5,425
Smith, A. A.	4,427
Smith, A. H.	4,143
Smith, C.	2,903
Smith, C. J.	302, 303
Smith, D.	5,146
Smith, E. J.	5,367
Smith, F. W.	20
Smith, G.	3,626
Smith, I. H.	3,708
Smith, J. (Llanelly)	5,632, 7,332
Smith, J. (Seaham Harbour)	1,169, 1,188, 1,195.
Smith, J. H. (North Wales)	5,678
Smith, J. H. (Manchester)	2,259
Smith, J. N.	1,310
Smith, J. R.	3,052, 4,411, 4,552.
Smith, J. T.	2,104
Smith, J. W.	5,119, 5,273, 5,274, 5,296.
Smith, M. H.	5,189, 5,210
Smith, P. L.	1,318, 1,352, 1,359, 1,361, 1,366.
Smith, R.	6,221
Smith, W.	2,927
Smith, W. J.	418
Smith, W. W.	6,912
Smitham, R. W.	589
Smyth, J.	6,338
Snell, J.	508, 541
Snell, W. H.	899
Snowdon, W. J.	6,913
Soanes, D. A.	4,303
Somerscales, A. N.	5,271, 5,274
Somerscales, F.	5,274
Somerville, H.	3,151
Sothern, J.	5,312
Southworth, J. E.	2,365
Soutter, J. P.	1,102A
Sowerbutts, T. R.	2,365
Spafford, C. S.	5,274
Speaight, A.	2,903
Speers, A.	6,715
Spence, A. (Downpatrick)	6,748
Spence, A. (Dunfermline)	5,764
Spence, F.	3,626
Spence, T.	5,764
Spence, T. E. J.	4,524
Spencer, E. F.	2,920
Spencer, F. H.	3,708
Spencer, J.	5,296
Spencer, P.	5,040
Spencer, R.	2,044
Spenser, H. E.	5,489
Spooner, H. J.	3,181
Sproul, A.	6,001
Stacy, G. F.	2,466
Stansbie, J. H.	4,722, 4,738, 4,755, 4,793.
Stanton, G.	2,218
Stanton, J.	2,828
Stanton, K. E.	2,828
Start, T. W. K.	2,262, 2,277
Staynes, H.	4,566
Steedman, H.	1,901
Steel, R. E.	5,138
Steele, R. R.	2,827, 3,040
Stenhouse, T.	2,444, 2,458, 2,466, 5,234.
Stephens, J. T.	548
Stephenson, J.	7,609
Stevens, J. (Closeburn)	7,621
Stevens, J. (Midcalder)	7,618
Stevenson, A.	5,316
Stevenson, D. E.	5,912
Stevenson, J. McN.	6,334
Stewart, J. H.	6,151
Stewart, R.	2,035
Stocks, J. M.	2,157, 2,384, 2,540.
Stocks, W. W.	4,524
Stockton, W.	3,416, 3,417
Stoker, H.	1,105, 1,114, 1,154.
Stone, A.	417
Stone, J.	1,230
Stoneman, T.	841
Stoops, A.	7,002
Stoops, M.	7,002
Story, J. A.	2,431
Stott, H.	2,023, 2,075, 2,565.
Stott, J.	455, 2,023, 2,075, 2,099, 2,561, 2,565.
Stott, W.	2,458
Stringer, E.	2,020
Struthers, J.	5,976
Stubbs, J. W.	1,141
Sturgeon, W.	4,770
Sullivan, M.	4,611
Sullivan, P.	6,280
Summers, T.	2,903
Sumner, J.	6,330
Sumner, W.	3,801
Sunderland, J. E.	455
Sutcliffe, G.	2,368
Sutcliffe, H.	5,244
Sutherland,	5,944, 5,954, 5,956
Sutherland C. H.	5,739
Sutherland G.	710
Sutton, A.	1,863

Appendix B.

LIST OF SCIENCE TEACHERS.

Science Teachers to whom Payments have been made—*cont.*

Name.	School Number in preceding Table.
Sutton, W.	5,065
Swain, R.	6,719
Swarbrick, A.	2,516
Swinnerton, J.	5,648
Swinstead, C.	2,993
Swinstead, C. H.	2,993
Swire, J.	5,471
Swithenbank, E.	2,116, 2,293
Sykes, E.	5,189
Sykes, T. P.	2,402
Symons, C.	2,863
Taffs, A.	3,076
Taffs, L. H.	932
Tarn, H. C.	829
Tate, A. N.	2,216
Tate, F. H.	449
Tate, G.	2,243
Tate, J. H.	1,103
Tate, T.	5,133, 5,178, 5,531.
Tate, W.	1,145, 1,168, 1,181, 1,185, 1,193.
Tatlock, R. R.	5,828
Tattam, M. W.	855
Tattersall, A.	5,210
Taylor, A. (Manchester)	2,264
Taylor, A. (Wolverhampton)	4,212
Taylor, E.	2,091
Taylor, J.	5,750
Taylor, J. E.	5,436
Taylor, J. L.	5,034
Taylor, J. T.	829
Taylor, R. (Crook)	1,105
Taylor, R. (Guisborough)	5,207, 5,348, 5,340, 5,445.
Taylor, R. L.	2,264, 2,295
Taylor, T.	548
Taylor, W. (Oldham)	2,325
Taylor, W. (Battersea)	4,413
Teague, T.	5,675
Teague, W. N.	4,722
Temperley, J.	4,714
Tempest, J.	417
Templeton, H. G.	1,152
Ternouth, R.	1,940
Terrill, W.	5,665, 5,666, 5,675.
Theaker, G.	4,116
Thirde, W. C.	5,802
Thirlby, T. H.	2,618
Thistlethwaite, W.	5,199
Thom, G.	5,750
Thomas, D. S.	5,626
Thomas, R.	2,711
Thomas, T.	1,899 4,545
Thomas, W.	1,129
Thompson, B.	3,515
Thompson, I.	6,418
Thompson, J. (Burnley)	2,104
Thompson, J. (Dundee)	5,758
Thompson, J. J.	4,418, 4,554 2,900.
Thompson, T. H.	7,137
Thompson, W.	5,704
Thomson, A.	2,092
Thomson, J. (Dumbarton)	5,754
Thomson, J. (Perth)	5,917
Thomson, J. (Turriff)	7,611
Thomson, R.	3,626
Thornber, S.	2,104
Thornhill, J.	1,873
Thornton, J.	2,271
Thornton, J. D.	5,188, 5,286
Threlfall, H.	2,258, 2,531
Thrower, H. J.	2,940
Tidmarsh, W.	1,015
Tiffany, J. B.	5,321
Timbrell, F. C.	2,847
Timpany, J. F.	2,124
Tinker, H.	2,306
Todd, A.	5,888
Todd, C. H.	6,328
Tomes, W. J.	2,914
Tomlin, J.	5,151
Tomlinson, S.	5,120, 5,365 5,369, 5,545.
Tonkin, J. F.	927
Topple, C. J.	1,212, 1,915
Tottle, G.	202
Towner, A.	3,532
Treglohan, T. P.	823
Treleaven, J. T.	4,421
Tresidder, W. H.	508
Trew, A. R. F.	1,310, 4,001
Tripp, J.	558
Trobridge, G.	6,330
Trott, J.	841, 918, 926
Tucker, W.	5,030
Turner, A. P.	3,402
Turner J.	4,188, 4,190, 4,195, 4,711 4,713, 4,716.
Turner, J. W.	6,121
Turner, T.	5,427
Turner, W. A.	1,353
Turriff, G.	5,708
Tutt, J. W.	1,862
Tyacke, R. T.	882
Tyffe, J. J.	7,068
Tyrrell, E.	4,561, 4,468
Ullyett, H.	1,854
Unwin, E.	114
Urpeth, W.	3,631
Vaughan, W.	2,861
Veale, E. H.	919
Veysey, J. S.	2,269
Viccars, T.	890
Vickers, R.	5,254
Waite, J. A.	2,091
Wakefield, S.	416, 418
Wakerell, H.	4,422
Walker, A.	5,338
Walker, D.	2,022, 2,023 2,288.
Walker, J. (Westbourne Park.)	3,134
Walker, J. (Dumbarton)	5,754
Walker, J. A.	5,900A
Walker, J. C.	2,525
Walker, L. H.	3,080, 3,204
Walker, S.	5,916
Walker, T.	4,212
Wallis, F. W.	4,940
Walls, I. T.	2,009
Walmsley, J.	2,155
Walton, E.	1,855
Walton, J. P.	712
Warburton, J.	4,215

Science Teachers to whom Payments have been made—*cont.*

School.	School Number in preceding Table.
Ward, G.	5,316
Ward, G. H.	4,120
Ward, J. C.	6,624, 6,624A
Ward, R. A.	2,903, 3,000
Wardle, H.	5,423
Wardlow, W.	2,415
Warren, J. S.	814, 828, 859
Warren, W.	5,367
Warwick, B.	3,181
Washington, M.	5,484
Waslin, A. S.	3,766
Watkins, A.	2,647
Watley, F.	1,835
Watson, A. T.	5,754
Watson, C. A.	5,136
Watson, G.	5,945
Watson, J.	6,352
Watson, J. P.	875
Watson, M.	5,136
Watson, W.	6,425
Watters, T.	6,034
Watterson, R.	711
Watts, G. G.	756
Watts, W. A.	2,258, 2,390 2,484.
Waugh, B.	3,632
Waugh, J. E.	569A
Way, W. C.	1,141, 3,621
Waymouth, F. J.	5,639
Webb, A. W.	2,847
Webb, G.	1,883
Webster, A. G.	2,737
Webster, W. M.	1,119
Weeks, F. H.	5,489
Wellington, W. H.	522
Wells, S. B.	2,075
Welsh, J.	1,307
Wertheimer, J.	2,213
West, J.	5,274
West, T. J.	5,271
Westmoreland, J.	703, 3,708
Whan, R.	7,114, 7,130
Wharton, M.	1,174
Wheatley, W.	3,708
Wheeler, F. F.	1,322
Wheeler, J. J.	3,000
Whettem, S. W.	1,100, 1,152
Whewell, M.	2,051
White, C. W.	1,853, 1,925
White, W.	6,329
White, W. R.	519
Whitehead, H.	5,185
Whitehead, J. (Derby)	707
Whitehead, J. (Burton-on-Trent).	4,120
Whitehead, R. (Ashton-under-Lyne).	2,022, 2,023
Whitehead, R. (Leeds)	5,301
Whitehouse, W.	4,702, 5,014
Whitehouse, W. H.	4,727
Whiteside, J.	6,430
Whiteside, J. L.	2,075
Whitman, H. J.	2,914
Whittaker, C. J.	2,009
Whittaker, J. B.	2,087
Whittam, W. G.	2,009
Whittingham, W.	829
Wigg, W.	2,102
Wigley, T. B.	4,722
Wild, J.	2,399

Name.	School Number in preceding Table.
Wild, R.	2,853
Wild, W.	5,224
Wilkinson, E. L.	2,935
Wilkinson, F.	2,568
Wilkes, R.	725
Williams, A. M.	5,663
Williams, G.	5,659
Williams, J. (Swindon)	4,920
Williams, J. (Wolverhamptn.)	4,212
Williams, R. E.	1,206
Williams, T. V.	5,659
Williams, W.	5,651
Wilmore, A.	2,318
Wilson, A. (Dumfries)	5,755
Wilson, A. (Stirling)	5,930
Wilson, A. S.	5,823
Wilson, E. (Clay Cross)	703
Wilson, E. (Nottingham)	3,708
Wilson, H.	5,530
Wilson, J. (Manchester)	2,258
Wilson, J. (Bannockburn)	5,728, 5,930
Wilson, J. (Duffus)	5,752
Wilson, J. (Dumfries)	5,755
Wilson, R.	6,812, 6,835
Wilson, W. (Dysart)	5,766, 5,886
Wilson, W. (Guiseley)	5,208
Wilson, W. H.	755
Wilson, W. J.	2,861
Windass, J.	5,408, 5,489, 5,496.
Windle, J.	5,552
Windle, T.	5,187
Winfield, B.	2,269
Winterbottom, D.	2,328
Wishart, R. S.	5,819A, 5,973
Wolstenholme, J.	2,051
Wonnacott, J.	588
Wood, A.	1,102A
Wood, P.	1,178
Woodford, F.	5,243
Woodhead, E.	2,255, 2,258, 2,264, 2,269, 2,295, 2,456.
Woods, C. R.	2,935
Woods, J. W.	3,822
Woodward, C. J.	4,724
Woodward, W. J.	4,022
Worrall, W.	2,075
Wren, J. W.	1,880
Wright, I.	2,212
Wright, J. D.	3,407
Wright, J. T.	4,537
Wyatt, L.	2,258
Wyatt, R. C.	2,903
Wyld, C. H.	2,725
Wyld, S.	2,725
Wyllie, G.	5,933
Wynn, J. A.	4,212
Yates, T. H.	4,205
Yeates, H. R.	1,861
Yeaxlee, H.	2,834
Young, F. W.	5,758
Young, J. (Glasgow)	5,828
Young, J. (Halifax)	5,216
Young, J. (Quarter)	7,620
Yule, A.	5,760, 5 76
Zimmerman, R.	1,120

11. PAYMENTS on the RESULTS of the TRAINING COLLEGE SCIENCE EXAMINATIONS, December 1882.

School No.	Name of Training College.	Teachers.	V.	VI.	VII.	VIII.	IX.	X.	X. P.	XIV.	XV.	XXIII.	XXIV.	Total.
	ENGLAND AND WALES. *For Masters only.*		£	£	£	£	£	£	£	£	£	£	£	£ s. d.
5608	Bangor (British and Foreign School Society's).	Harding, E. H. - -	..	..	..	23	36½	..	..	53	55	..	..	167 10 0
		Price, J. - - -												
		Thomas, J., B.A. -												
4403	Battersea, St. John's (National Society's)	Garrod, G. W. - -	..	..	..	16½	68	48	61	..	..	78	..	271 10 0
		Hammonds, E. - -												
		Hards, W. B. - -												
		Senier, A. - - -												
4429	Borough Road (British and Foreign School Society's).	Barkby, E., B.A. -	20½	20½	..	..	..	59½	96½½	118½	..	..	..	315 9 9
		Curtis, J. C., B.A. -												
		Howard, J. - - -												
		Ward, A. W. - -												
5620	Carmarthen (National Society's) - -	Bamford, H. A. - -	..	..	..	57	36½	..	..	..	..	..	43½	137 0 0
		Oldroyd, J. H. - -												
5623	Carnarvon (Church of England) - -	Hardman, H. - -	..	..	..	22	28½	..	..	8½	..	42	7½	108 10 0
		Morgan, W. - -												
2864	Chelsea, St. Mark's (National Society's)	Gill, E. C. - - -	..	..	..	106½	87½	25½	..	..	..	16½	..	236 0 0
		Lawson, W. - - -												
		Spicer, R. H. - -												
		Wilson, W. J. - -												
1329	Cheltenham (Church of England) -	Baker, W. G. - -	13	..	..	20	78½	..	..	53½	..	66	..	231 0 0
		Brereton, E. W., M.A.												
		King, C. H. - - -												
		Lyon, T. - - -												
406	Chester (Diocesan) - - - - - -	Craig, J. - - -	10½	..	..	45½	59½	46½	..	..	..	59½	..	221 10 0
		Morgan, J. - - -												
3812	Culham (Oxford Diocesan) - - -	Busby, W. B. - -	3	..	..	35	52	..	..	26½	..	12	..	128 10 0
		Fairchild, Rev. J. -												
		Vinter, A. E. - -												
1111	Durham (Diocesan) - - - - - -	Smith, Rev. S. B. -	8½	..	..	10	..	..	..	69	..	16	..	103 10 0
		Watts, A. - - -												
842	Exeter (Diocesan) - - - - - -	Dangar, Rev. J. G. -	..	..	..	..	73	..	..	..	..	38	..	111 0 0
		Partridge, R. I. - -												

2916	Hammersmith, St. Mary's (Roman Catholic).	Enright, J.	..	..	..	..	..	28½	85½	22	..	36½	..	172 15 0
		Graham, Rev. T.												
		Mooney, E.												
3526	Peterborough (Church of England)	Best, J. D.	..	..	..	33	19½	..	..	..	..	..	42	94 10 0
		Ward, T.												
4780	Saltley (Worcester Diocesan)	Bassett, F.	8	..	..	20	57	..	..	27½	..	34½	..	147 0 0
		Coombs, S. W.												
		Landon, J.												
		Long, J.												
3147	Westminster (Wesleyan)	Cowham, J. H.	36	..	..	..	..	60½	81	..	..	111½	..	289 0 0
		Reatchlous, H. A., M.A.												
		Sugden, J. F.												
1427	Winchester (Diocesan)	Bright, W.	3	..	..	41	33	..	..	2½	13½	25½	34	152 10 0
		Haworth, J.												
		Searle, H.												
5495	York and Ripon (Diocesan)	Baldwin, Rev. G. W. de C., M.A.	1½	..	..	40	..	..	..	..	..	43	..	84 10 0
		Rowe, Rev. G., M.A.												
		Wilson, C. H.												
	For Mistresses only.													
4605	Brighton (Chichester Diocesan)	Sykes, Miss A. H.	..	..	..	..	..	..	..	..	21	..	..	21 0 0
4607	Chichester (Bishop Otter's Memorial)	Cameron, Miss E.	..	..	..	..	..	..	..	..	16½	..	..	16 10 0
1108	Darlington (British and Foreign School Society's).	Craig, Miss M.	..	..	..	..	..	..	..	12	..	16½	..	28 10 0
		Spafford, W. A.												
1112	Durham (Diocesan)	Ball, Miss H.	..	..	..	..	..	..	..	..	24	..	..	24 0 0
2905	Gray's Inn Road (Home and Colonial School Society's).	Macomish, Miss M. A. I.	..	..	..	..	..	..	..	27½	61½	..	..	89 0 0
2227	Liverpool (Roman Catholic)	Lescher, Miss F. M.	..	..	..	..	..	..	..	..	78½	35	..	113 10 0
		Lescher, Miss M. A.												
		Partridge, Miss S. F.												
3412	Norwich (Diocesan)	James, Miss J.	..	..	..	..	..	..	..	..	30½	7	..	37 10 0
4915	Salisbury (Diocesan)	Steward, Rev. E., M.A.	..	..	..	..	..	..	..	..	12	..	..	12 0 0
4407	Southlands, Battersea (Wesleyan)	Bailey, J.	..	..	..	..	..	..	..	4½	..	35½	..	40 0 0
		Hallock, Miss S. M.												
4496	Stockwell (British and Foreign School Society's).	Joyce, Miss A.	..	..	..	..	..	..	..	36½	65	..	..	101 10 0
		Steele, Miss F. A.												
		Stoker, Miss J.												
3125	Tottenham (Christian Knowledge and National Societies').	Beavan, Miss A. M.	..	..	..	..	..	..	..	..	16	25	..	41 0 0
		Piper, T. W.												
4517	Wandsworth (Roman Catholic)	Laprimandaye, Miss L.	..	..	..	..	..	..	..	..	19½	9	..	28 10 0
		Power, Miss A.												
2472	Warrington (Chester Diocesan)	Stevenson, Rev. M., B.A.	..	..	..	..	..	..	..	..	13½	..	..	13 10 0

Payments on Results of Training College Science Examinations—*cont.*

School No.	Name of Training College.	Teachers.	V.	VI.	VII.	VIII.	IX.	X.	X. P.	XIV.	XV.	XXIII.	XXIV.	Total.
	For Masters only—cont.		£	£	£	£	£	£	£	£	£	£	£	£ s. d.
2866	Whitelands (National Society's)	Faunthorpe, Rev. J. P. Kemm, Miss A. Martin, Miss H. A. Skinner, Miss C. J. Stanley, Miss K.	..	..	..	..	..	..	..	14½	182½	..	..	197 0 0
	For both Masters and Mistresses.													
2941	Homerton (Congregational)	Haworth, G. Liddell, E. Tilley, Miss E. P. Wilmott, A. T.	6	..	..	13	7½	..	..	..	..	21	..	47 10 0
	SCOTLAND.													
	For Mistresses only.													
5707	Aberdeen (Church of Scotland)	Anderson, P. J.	..	..	..	..	..	..	..	..	..	14½	..	14 10 0
5792	Edinburgh (Scotch Episcopal)	Orley, Miss M. E.	..	..	..	..	..	..	..	..	..	30	..	30 0 0
	For both Masters and Mistresses.													
5782	Edinburgh, Castle Hill Terrace (Church of Scotland).	Mackinlay, P., M.A.	..	..	..	..	28	..	..	..	..	..	..	28 0 0
5783	Edinburgh, Moray House (Free Church)	Cowper, J., B.A. Lees, W., M.A.	..	..	..	..	73	..	..	36½	..	96½	..	206 0 0
5832	Glasgow, Dundas Vale (Church of Scotland).	Forsyth, D., M.A. Kerr, J. G., M.A.	9½	..	..	..	85½	..	..	..	..	35	..	130 0 0
5833	Glasgow (Free Church)	Cooke, S., F.C.S. Dick, A. H., D.Sc. Kerr, J., LL.D.	..	..	..	..	37	..	..	36	..	59½	..	132 10 0
	Total		119½	20½	..	482½	860½	268½	324.4.9	548½	600	963½	127	4,323 14 9

12. List of Science Classes and Schools to which Collections of Scientific Apparatus have been lent for instruction during the Year 1882.

Subject II.—Machine Construction and Drawing.

School of Art, Sheffield.
Public Library, South Shields.
Mechanics' Institute, Plymouth.
Philharmonic Hall, Southampton.
Working Men's College, Salford.
St. Luke's School, Miles Platting, Manchester.
School of Art, Abbey Road, Barrow-in-Furness.
Guild Court School, Lincoln.

Subject III.—Building Construction.

Public Library, South Shields.
School of Art, Sheffield.
School of Science and Art, Oldham.
Working Men's College, Salford.
British Schools, Brentford.

Subject IV.—Naval Architecture.

School of Science and Art, Newcastle-on-Tyne.

Subject VI.—Theoretical Mechanics.

Working Men's College, Great Ormond Street.
Hall of Science, Old Street, E.C.
Working Men's Institute, Belfast.
Guild Court School, Lincoln.

Subject VIII.—Sound, Light and Heat.

Hall of Science, Old Street, E.C.
Church of England Young Men's Society, Norwich.
Working Men's Institute, Belfast.
National School, Portstewart, Co. Londonderry.
Board School, Hadley, Wellington, Salop.
Central School of Science, Derby.

Subject IX.—Magnetism and Electricity.

Church Institute, Hull.
Mechanics' Institution, Otley.
Model School, Limerick.
Miners' Institute, New Marske.
Intermediate School, Carrickmacross, Co. Monaghan.
Farra School, Bunbrusna, Westmeath.
Collegiate School, Twickenham.
Church of England Young Men's Society, Norwich.
National School, Ballybay, Co. Monaghan.
Wesleyan Schools, Little Lever, Bolton.
Working Men's Institute, Belfast.
National School, Portstewart, Co. Londonderry.
Young Men's Christian Association, Belfast.
Central School of Science, Derby.

Subject X.—Inorganic Chemistry.

Blue Coat School, Stamford.
Collegiate School, Twickenham.
Working Men's Institute, Belfast.
Tiffins' Boys' School, Kingston-on-Thames.
Central Board School, Scarborough.
Young Men's Christian Association, Belfast.

Appendix B.

LOAN COLLECTIONS OF SCIENTIFIC APPARATUS.

SUBJECT XIV.—ANIMAL PHYSIOLOGY.

Oozel's St. Science Classes, Birmingham.
Intermediate School, Macroom.
Highbury Institute.
Hall of Science, Old Street, E.C.
St. George's Commercial Schools, Ramsgate.
Blue Coat School, Stamford.
Christ Church Schools, Greenwich.
Science Classes, Lisbellaw, Co. Fermanagh.
National School, Ballybay, Co. Monaghan.
Wesleyan Schools, Little Lever, Bolton.
Working Men's Institute, Belfast.
Lecture Room, Fontblanque Road, Sheerness.
St. John's Schools, Woolwich.
Wesleyan Schools, North Street, Bristol.
Natural Science Society's Rooms, Chester.

SUBJECT XV.—BOTANY.

Mechanics' Institute, Huddersfield.
Highbury Institute.
Hall of Science, Old Street, E.C.
Christ Church Schools, Greenwich.
Grammar School, Tadcaster.
Working Men's Institute, Belfast.
Board School, King Street, Rochester.

SUBJECT XXII.—STEAM.

Mechanics' Institute, Plymouth.
Intermediate School, Macroom.
Mechanics' Institute, Dudley.
School of Science and Art, Newcastle-on-Tyne.

SUBJECT XXIII.—PHYSICAL GEOGRAPHY.

Science Classes, Hawick Museum.
Christ Church Schools, Greenwich.
Working Men's Institute, Belfast.
Wesleyan Schools, North Street, Bristol.
National School, Portstewart, Co. Londonderry.

SUBJECT XXIV.—PRINCIPLES OF AGRICULTURE.

Public School, Maybole, Ayrshire.
National School, Shirley, Southampton.
Christ Church Schools, Greenwich.

COLLECTIONS, consisting of 392 Scientific Instruments, &c., were also lent, either to illustrate Lectures or for Exhibitions, to—

School of Science and Art, Oxford.
Public Museum, Sheffield.
Birmingham School Board.
Scientific and Industrial Exhibition, Penzance.
Fisheries Exhibition, Edinburgh.
Scientific, Industrial and Fine Art Exhibition, Peterborough.

APPENDIX C.

SECOND ANNUAL REPORT of the NORMAL SCHOOL OF SCIENCE and ROYAL SCHOOL OF MINES.

(Up to the end of the year 1882.)

The subjoined reports of the Professors give a view of the progress of the school from the end of the first term of last session up to the Christmas of 1882–3. The only point which calls for special remark is the organization of a system of practical instruction in mine surveying and plan drawing in connexion with the course of instruction in mining. Mr. Smyth refers with satisfaction to the assistance given to this undertaking by an eminent mining engineer and surveyor, Mr. James Henderson, C.E.

The Vice-President of the Council, the Right Hon. A. J. Mundella, M.P., presided over the public distribution of the prizes and awards made at the end of the first session of the schools, which took place on the 24th June 1882 in the theatre of the Museum at South Kensington.

The number of students who entered for the associateship in October 1882 is 12.

The occasional students up to the present time are 85.

DIVISION I.—MECHANICS AND MATHEMATICS.

Mechanics.—The lectures and class instruction in Part I. which were given during the second term of the session 1881–2 were attended by 31 students.

During the month of July instruction was given to a class of 27 science teachers in applied mechanics and drawing. In addition to the lectures given a large number of problems were solved by numerical calculation and graphical construction.

During the first term of the present session the assistant professor has had a class of seven science teachers in training in mechanics.

As this is the second session of mechanics of the Normal School of Science no students could, according to the constitution of the school, present themselves for Parts II. and III. of the syllabus.

During the year that has elapsed since the last report several additions have been made to the models and apparatus in the mechanical laboratory, including a model of a reaping machine, a Foucault's pendulum for showing the rotation of the earth, an apparatus for describing mechanically a set of curves obtained by combining circular and harmonic motion, and apparatus for exhibiting the resistance to deformation of chains when travelling at a high velocity.

Mathematics.—From February to June last 45 students attended the mathematical classes.

During the present term 64 students have been reading with the instructors in this subject. Of these 17 were placed in Class A of the syllabus of the Normal School, 17 in Class B, 22 in Class C, and 8 in Class D.

Geometrical and Machine Drawing.—Last term Mr. Harrison gave instruction in machine drawing, the principles of machine design and graphical statics to 29 students on three afternoons a week, and on

Appendix C.

NORMAL SCHOOL OF SCIENCE AND ROYAL SCHOOL OF MINES.

Saturdays held a class for 8 science teachers in training in descriptive geometry. This term he has had a class of 7 science teachers on alternate afternoons in geometrical drawing, and a class in the same subject of 22 students on Saturday mornings.

DIVISION II.—PHYSICS.

The Summer course for Science Teachers consisted of 17 lectures and 20 days laboratory instruction in electricity and magnetism. The class numbered 29. In judging the result of the instruction in these classes the Professor is and has been guided rather by the zeal shown in making use of opportunity than by evidence of knowledge or even of ability. In attempting to classify these students it was found that their zeal was uniformly so excellent that classification became too difficult for its results to be just. Accordingly permission was obtained to grant First Class certificates to all. So gratifying a result depended, of course, in the first place, and altogether mainly upon judiciousness in the selection of the students.

The sessional courses of the Normal School of Science and the Royal School of Mines began on October 2nd, 1882.

Course I.—The Lectures are being attended by 28 students of whom 3 are regular students of the Schools. 11 are Teachers in Training, 2 are Royal exhibitioners, 1 is a Local exhibitioner, and 11 are Occasional students. The Lectures are being utilized with the most perfect punctuality, regularity and attention.

The laboratory under the very able direction of the demonstrator, Mr. C. V. Boys, and the assistants, Mr. R. Mitchell and Mr. H. H. Hoffert, is working very satisfactorily.

Mr. Boys has given a lecture (December 9th) on the use of the Sliding Rule, and he proposes to give before the middle of February five or 10 lectures on Electrical measurement.

Course II.—For this course two students have presented themselves. The course consists in the carrying out of a few exact physical determinations. These two students are, in a manner, here pioneers in this kind of work. Under the immediate instruction of Mr. Boys they have made a measurement of "*g*" (the accelerative force of gravitation). They have also measured, in a few ways, the Thermal Equivalent of work. These measurements have all turned out satisfactorily. For such exact measurements as are required in this course, certain structural changes in the space available are much wanted.

Course III.—According to the constitution of the schools, no student could, up to date, present himself for this course. The only room (one on the basement), which had been reserved for students of Course III., has had to be relinquished temporarily in favour of the Lecturer on Agriculture, whose wants were more immediate. Should any students elect to take their associateship in Physics, and so pass through Course III., it will be necessary that further accommodation should be given, as such course involves Research.

Research.—The demonstrator, Mr. C. V. Boys, has perfected some of his Power and Electric Meters mentioned in last Report. Prof. W. G. Adams, Capt. W. Abney, Lieut.-Col. Festing, and Mr. Sprague, have tested the values of various electric lamps. As above stated, there is no suitable accommodation for research, and the Professor has been accordingly compelled to refuse all applications from outsiders for hospitality for such work, excepting in the above-mentioned cases of lamp testing, where the Lecture Theatre happened to be available.

DIVISION III.—CHEMISTRY.

The instruction in this division consisted of, (1) a course of 25 lectures on advanced inorganic chemistry; (2) a course of 25 lectures on advanced organic chemistry; (3) a course of 15 lectures in July to teachers; (4) a course of 20 lectures on elementary inorganic chemistry; (5) five lectures (being part of a course of 20) on elementary organic chemistry; (6) practical instruction daily from 10 a.m. to 4 p.m. in qualitative and quantitative analysis and in experimental research; (7) a course of 6 lectures to working men on "Fact and Theory in Chemistry."

The lectures on advanced organic and inorganic chemistry and the course to teachers were delivered by the assistant professor, Dr. F. R. Japp. The elementary courses on inorganic and organic chemistry and the course to working men were given by the Professor. The records of the number of entries to these courses and the regularity of attendance are in the possession of the Registrar. The experimental demonstrations were prepared by Mr. G. S. Newth with his usual success.

In the several chemical laboratories 56 students operated during the term ending in June, and 67 during that ending at Christmas.

Of the 67 students attending the laboratories during the last mentioned term, 7 were regular students of the Normal School of Science and School of Mines, 6 royal and local exhibitioners, 19 teachers in training, and 35 special or occasional students.

The Professor reports that the attendance in the laboratory classes has, on the whole, been punctual and regular, but there has been in many cases too little private reading and work in connexion with both laboratory and lecture instruction.

Research Laboratory.—The Professor's investigations on the source of light in luminous flames have been interrupted by the redistribution of space in the building consequent on the increase in the number of subjects taught, but in conjunction with Dr. Percy Frankland he is now completing a research on the intrinsic illuminating power of olefiant gas in admixture with hydrogen, carbonic oxide, marsh gas and nitrogen.

On the other hand, with a very limited number of students, the assistant professor (Dr. F. R. Japp) has carried out and published no less than five researches on subjects connected with organic chemistry, and the Professor regards Dr. Japp's memoir on the constitution of amarine and lophine as a very important contribution to theoretical chemistry. It has cleared up the constitution of amarine, lophine, and glyoxaline, compounds which have frequently engaged the attention of chemists, also of the oxalines, an interesting class of artificial narcotic alkaloids.

During the period over which this report extends, only two students, at any one time, worked in this laboratory. In the term ending in June last these students were Mr. F. W. Streatfield (science teacher), and Mr. H. H. Robinson, both of whom, but especially Mr. F. W. Streatfield, deserve mention for the enthusiasm and aptitude which they displayed in the prosecution of their work.

The following is a list of the papers from this laboratory published since April 1st, 1882:—

(1.) On the action of aldehydes on phenanthraquinone in presence of ammonia (third notice). By F. R. Japp and F. W. Streatfield. Chem. Soc. Jour. 1882, Trans., p. 146.

(2.) Application of the aldehyde and ammonia reaction in determining the constitution of quinones. By the same. *Ibid.*, p. 157.

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NORMAL SCHOOL OF SCIENCE AND ROYAL SCHOOL OF MINES.

(3.) On the action of acetone on phenanthraquinone, both alone and in presence of ammonia. By the same. *Ibid.*, p. 270.

(4.) On the constitution of amarine and lophine. By F. R. Japp and H. H. Robinson. *Ibid.*, p. 323.

(5.) Constitution des Lophins, des Amarins und des glyoxalins. By F. R. Japp. Published in the "Berichte der Deutschen Chemischen Gesellschaft," Vol. XV., p. 2410. This paper is a continuation of No. 4, and appeared in German as a reply to some objections which had been published by Professor Radziszewski of the University of Lemberg to the views enunciated in that paper.

In the term ending at Christmas the students working in the research laboratory were Mr. N. H. T. Miller and Mr. R. C. Tresidder. Their work is progressing favourably.

Analytical Laboratories.—The number of students working in these laboratories was 54 during the term ending in June, and 65 during the three months ending at Christmas, viz., 28 in the south laboratory, and 37 in the north. The south laboratory was under the care of the demonstrator, Dr. W. R. Hodgkinson, who reports that the attendance and application to study has been throughout very satisfactory, and that on the whole the progress of the students has been quite satisfactory, and in a number of cases exceedingly gratifying. Several students, after passing through the usual course of qualitative and quantitative analysis, have performed excellent work in gas, spectroscopic, and microscopic analysis. Some of the special students occupied themselves with the study of technical processes and natural productions in which they were interested. Discourses on theoretical chemistry and the chemistry of technical processes have been given weekly by the demonstrator.

In this laboratory, researches have been made and published on benzyl phenol derivatives by Dr. Rennie, and on the synthesis of aceto-acetic ether by the demonstrator and Dr. Matthews. There are also in course of publication investigations by the demonstrator on derivatives of phenylacetic acid, and on ethyl benzene. Joint researches by the demonstrator and Dr. Matthews on the derivatives of fluorene, acenaphtine, and acetone are also in progress.

In the summer course 41 teachers received practical instruction (with supplementary lectures on teaching) in mineral and organic analysis.

The demonstrator speaks of the very efficient aid which he has received in the instruction from the junior assistant, Mr. H. M. Chapman.

The North Laboratory was under the care of the demonstrator, Dr. Percy F. Frankland, who reports that the conduct of the students was unexceptionable; and, considering the comparatively limited time at their disposal, the progress made was good.

Of the 37 students at present working in this laboratory, 16 are teachers in training, and royal and local exhibitioners, two are entered for the Royal School of Mines, and 19 are special or occasional students. Eleven are engaged in the study of agricultural chemistry.

In addition to the practical instruction given in the laboratory the demonstrator delivered a free course of 12 lectures on "Some Branches of Technical Chemistry," illustrated by visits to manufactories and other places where technical operations could be seen on a large scale. He is now delivering a similar course on "The Manufacture of Artificial Manures," illustrated by visits to places of interest in connexion with this subject. These courses were open to all students of the school, and have been largely and regularly attended. In conjunction with one of the special students, Mr. Jordan, the demonstrator has carried on an investigation concerning the gases evolved during the conversion of grass into hay. The results are nearly ready for publication. He is

also at present engaged, along with Mr. Colwell, one of the teachers training in agriculture, in investigating some points connected with the diastatic action of malt. During the month of July the demonstrator gave instruction in chemical analysis connected with agriculture to a class of 25 teachers in agriculture, and delivered to them a short course of lectures on elementary chemistry in connexion with agriculture. To increase the efficiency of the laboratory instruction in agricultural chemistry he has prepared a text book of agricultural chemical analysis, which is now being published by Messrs. Macmillan and Co. It will be ready for use before the commencement of the summer course on this subject.

The demonstrator desires to express his thanks to the assistant, Mr. Chapman Jones, for his efficient help in the instruction of the agricultural students, and to Mr. Mackay, the junior assistant, for like aid in respect of the remaining students in the north laboratory.

In the examinations held at the end of the session in June four students passed in the first class, two in the second, and none in the third, whilst eight failed.

DIVISION IV.—BIOLOGY.

The laboratory work and the second part of the course for 1881–2 ended on the 23rd of April, having occupied 73 working days. Ten students presented themselves at the examination held on the 24th and 25th of April, of whom nine passed, three being in the first class.

The fourth part of the course consisted of 30 lectures on Botany, with thorough practical instruction in the laboratory, and extended from the 1st May to the 12th June. Eight students presented themselves for examination and seven passed, two being in the first class. The lecturer on botany, Mr. Orpen Bower, expressed himself well satisfied with the diligence and intelligence of his class.

On the 28th of June, the professor commenced a course of lectures to 31 science teachers which occupied nearly three weeks, concluding on the 28th July. Fifteen lectures were given and the teachers had five or six hours practical instruction on each working day. As on former occasions, the teachers availed themselves with much zeal of the opportunity thus afforded them of becoming acquainted with the proper method of giving elementary instruction in physiology.

The first part of the biological course for the session 1882–3 commenced in the laboratory on the 2nd of October 1882, while the lectures did not begin till the 9th, as the professor has found that the students understand the lectures better when they have acquired even a slight preliminary practical acquaintance with the subject. Forty-eight lectures were delivered, and at the examination (on December 20th and 21st) seven students presented themselves, of whom five passed, four being in the first class.

The professor has published the results of an investigation into the structure of the respiratory organs of *Apteryx* in the Proceedings of the Zoological Society for 1882, as well as a full account of his inquiries into the nature of the salmon disease in the 21st Report of the Inspector of Salmon Fisheries.

Mr. Howes, demonstrator in biology, delivered nine lectures in connexion with the laboratory work of the second part of the course, and he has published a paper on the tympanic membrane of the skate in the current number of the Journal of Anatomy and Physiology. The professor regrets the loss of the services of Mr. W. Parker, who has resigned his post of assistant in order to become Lecturer on Biology in the University College of Wales, Aberystwith.

Appendix C.

Division V.—Geology.

Normal School of Science and Royal School of Mines.

As the last report was drawn up before the results of the sessional examinations were known, it may be well to state those results in the present report.

Of the students who attended the elementary course of instruction in geology during the second term of the session 1881–2, twenty-four presented themselves for examination. Some of these students having already obtained certificates in mineralogy, under the old regulations, were examined in geology only. Among the six candidates thus examined one obtained a first class, three were placed in the second class, and one in the third class. Of the eighteen candidates who, under the new rules, presented themselves in geology and mineralogy, two obtained first-class, eight second-class, and three third-class certificates.

During the month of July a summer course of instruction, consisting of lectures illustrated by laboratory-work, was undertaken for the benefit of science-teachers, 29 of whom were brought up from various parts of the country for the purpose of attending it. The object aimed at in this course was to better prepare the teachers for giving instruction in physiography, and the diligence and attention of the whole of the persons attending this course showed that they fully appreciated the opportunities for instruction thus afforded to them by the Department.

In October the course of advanced instruction in the geological laboratory was commenced. This course consists of three divisions, namely, (1) instruction in the field and laboratory, illustrating the methods of geological surveying, and the construction of sections and maps; (2) a course of demonstrations with laboratory-work in micropetrography; and (3) a series of demonstrations with laboratory-work in stratigraphical palæontology.

As considerable difficulty was anticipated in preparing the necessary apparatus and specimens for these advanced courses of instruction, which are now given for the first time, it was thought advisable to limit the number of students as far as possible during the first year. In addition, however, to the three teachers in training and the one School-of-Mines student entered for the course, no less than six occasional students applied for places in the class. Under these circumstances the resources of the Geological Department have been very severely taxed.

The necessity of preparing such a large series of new illustrations as was required for this advanced course has caused the whole time and attention of the professor and demonstrator to be completely engrossed, and they have been compelled for the present to lay aside all original research. The demonstrator, Mr. Cole, has been indefatigable in his efforts to maintain the efficiency of the laboratory instruction.

The lecturer on mineralogy, Mr. Rutley, has, with the co-operation of the assistant, Mr. Atkinson, put in order and named the collection of minerals employed in illustration of the lectures.

Division VI.—Agriculture.

In presenting this first report upon agriculture as a subject, the lecturer wishes to record his sense of the cordiality and interest with which it has been received The introduction of agriculture into the curriculum of a Government school is in itself an event of some importance, and has been viewed with favour and interest among agriculturists. It is regarded by them as a step in the right direction. In reporting upon the work of the year the lecturer first begs to notice the delivery of a summer course of 30 lectures upon the principles of agriculture, to teachers, from June 28th to July 27th. This course was

attended by 25 students, all of whom manifested the liveliest interest in the subject throughout the entire course. The lecturer somewhat regrets that only one excursion was sanctioned by the Department, because visiting noted farms, agricultural engineering works, or experimental fields are excellent means of acquiring knowledge. The excursion alluded to was made through the kindness of Sir John Bennett Lawes, Bart., to Rothamsted, and the party were treated with the utmost attention, kindness, and hospitality by their host. Dr. Gilbert also very kindly assisted in conducting the party around the experimental fields and laboratories.

The autumn course of 30 lectures was commenced on October 5th by an inaugural lecture since published by Messrs. Cassell, Petter, and Galpin. The class has included 11 students, eight of whom have been Government students.

As the lectures are not concluded at the time of writing this report the lecturer is unable to state the result of his examination which will not be held until the end of January. In order to increase the efficiency of this section it is highly necessary that an ample supply of diagrams (chiefly tabular), specimens, and models should be provided. At present the question of space appears to be a difficulty, but a technical subject such as agriculture cannot be taught as it should be taught without illustration. It may be mentioned in support of this statement that these lectures being necessarily delivered under circumstances in which demonstration in the field is impossible, assistance of the kind indicated becomes the more necessary.

DIVISION VII.—METALLURGY.

During the present session 38 students have attended the metallurgical division of the school, seven of whom attended the lectures only and five the laboratory only.

The new and spacious lecture and model room assigned to the Professor of Metallurgy in accordance with the recommendations of the Council has proved to be very serviceable, as with this addition it has been possible, for the first time, to illustrate the lectures in an adequate manner, and to hang the large diagrams, of which the school possesses an exceptionally fine series.

Although the space in the metallurgical laboratory is considerably in excess of that formerly provided in Jermyn Street, several students have been unable to obtain admission. The laboratory is fitted with tables for 28 students, and three others have been allowed to work at tables placed in inconvenient positions. Should this division of the school continue in its present over-crowded state it will be necessary to submit to the Council a scheme for the provision of additional space, which would involve the appropriation of the research laboratory; if this were done it would be possible to construct three more assay furnaces in connexion with existing flues.

Mr. R. Smith, the Instructor in Assaying, is well satisfied with the progress of the students, and with the regularity of their attendance.

The most important of the additions made to the representative series of metallurgical specimens, were given by Mr. G. Board of Colorado, and consist of rare tellurides of gold and silver, a class of minerals the treatment of which is attended with much difficulty, and presents many points of interest.

The importance of the connexion between the mechanical properties of metals and their chemical composition being now widely recognised, it is hoped that a testing machine of sufficient power may soon be

Appendix C.

NORMAL SCHOOL OF SCIENCE AND ROYAL SCHOOL OF MINES.

provided for the use of the students so far as the limited time at their disposal for such work will admit.

In the past session Professor Kennedy of University College, London, kindly showed the class the methods he adopts in testing metals by the aid of a powerful hydraulic machine in his engineering laboratory, and during the present session Dr. Main has undertaken to deliver a few lectures on the tenacity of metals generally, a subject which has not hitherto received adequate attention in the School of Mines.

In this connexion Professor Roberts alludes to the excellent collection of fractured test pieces of steel he examined in the recent Industrial Exhibition at Nuremberg, which were the results of experiments made by Professor Bauschinger at the Technical School of Munich. He also refers to the appliances designed by Professor Jenny for testing the elasticity of steel at the Polytechnicum of Vienna.

During the past session the Professor visited the various metallurgical works at Freiberg, as well as the ironworks in the important Eisenerz district of Styria. He also studied the system of metallurgical teaching adopted in the Royal Saxon Mining School of Freiberg, and the Imperial Austrian Mining School of Leoben. Both these institutions, which well deserve their high reputation, are situated in metallurgical districts, and much importance is attached to the facilities afforded the students for passing a considerable part of their time in works, which is no doubt an advantage; but on comparing this continental system with that in force here it must be borne in mind that the time that is devoted in this country to laboratory practice and to the purely theoretical study of metallurgy will not admit of being in any way shortened. A metropolitan school possesses advantages that cannot be claimed for one in any provincial centre, and it seems safe to conclude that the metallurgical division of the school would be placed in a thoroughly satisfactory position by the establishment of a system which would enable duly qualified students to pass a portion at least of the summer vacations in works.

In order that knowledge might not be wanting as to the scale on which metallurgical operations are conducted, visits, lasting in each case nearly a week, were made in the two past sessions to Swansea, which was chosen as being the most comprehensive district in the United Kingdom. Nine of the principal works of the district were opened to the students, who appreciated the facilities offered them and gained information of much value. It is to be feared, however, that serious demands were made on the time of the proprietors of works and others, whom it is difficult to thank sufficiently for their courtesy and liberality.

With regard to research, the laboratory was used during last session as a lecture room, and was only restored to its original purpose in October last. There has, therefore, been but little time for conducting investigations. Mr. W. H. Rands has continued an inquiry as to the quality of steel, best suited for the manufacture of dies, which was published in the 12th Annual Report of the Deputy Master of the Mint, and a research on the relations of boron and iron, which promises to be of much interest, was begun by Mr. F. W. Harbord, the Bessemer medallist for last session, and will be continued by Dr. E. J. Ball, the former gentleman having received an appointment in the north of England.

Mr. G. Kamensky has prepared a series of alloys of copper and antimony with a view to determine certain of their physical constants. The results of a series of tests on flue gases obtained by Dr. E. J. Ball in connexion with the Smoke Abatement Exhibition held last year at

South Kensington have been embodied in a report by the Professor which was printed in July last.

A research by the Professor and Mr. T. Wrightson, Memb. Inst. C.E., on the fluid density of certain metals was communicated to the Physical Society last session, and has been published in the Philosophical Magazine.

Two students availed themselves of the permission, which is granted under certain conditions, of working in the Assay Department of the Royal Mint.

DIVISION VIII.—MINING.

During the session of 1881–2, the usual course of 60 lectures on mining was delivered to a class of 29 students.

Of these, nine did not present themselves for examination at the end of the course, five obtained the first class, ten the second, and three the third, whilst two were not passed.

In the present session 1882–3, the class is attended by 30 students, including the teachers in training, and the attendances have been more regular and unbroken than they have ever been before.

According to the new scheme a course of instruction has been opened on mine surveying and plan drawing. The class meets in the lecture theatre at Jermyn Street, under the direction of Mr. Brough; and an arrangement has been made with Mr. James Henderson, C.E., of Truro, an engineer eminent in the practice of those arts, to devote a considerable portion of his time to the establishment of this new subject on a satisfactory footing.

ASTRONOMY.

With regard to the course of astronomical physics, the first course of lectures is arranged to begin on the 5th inst., and will be continued till the middle of February.

Although many arrangements have been made for demonstrations with the large equatorial during the present oppositions of Saturn and Jupiter, the weather has been so bad in almost every case that they have been prevented.

A complete set of lecture diagrams is being made by Miss Reeks. Many of them are already made and are admirably done.

Much of the necessary apparatus for demonstration, including cometary and planetary orbits with reference to the plane of the ecliptic, model of Saturn, &c. is in hand in the workshops, and much necessary material indispensable to the subject can thus, it is thought, be brought together with almost no expense.

This, however, is not the case with all the things which are necessary for the course, and much apparatus of a somewhat expensive nature will require to be purchased before the teaching can be considered satisfactory, or laboratory demonstrations be possible.

THOMAS H. HUXLEY,
Dean.

8th January 1883.

Appendix D.

REPORT BY MR. BOWLER.

APPENDIX D.

1. REPORT of the ASSISTANT DIRECTOR for ART on SCHOOLS of ART and ART EXAMINATIONS.

The extension of Art instruction is promoted by regulations under which aid is given:—

First, to Elementary Day Schools where drawing is taught concurrently with reading and writing, and is specially directed to the improvement and refinement of the perceptive powers of the children;

Second, to Diocesan and other Training Colleges, in which the teachers of elementary schools obtain certificates as teachers of drawing;

Third, to Art Classes for children above 12 years of age and artisans; in these classes the primary instruction of the children is carried further than in the Elementary Schools, and they are associated with adult students in the study of form, light and shade, and linear drawing;

Fourth, to Schools of Art which are entirely devoted to Art instruction, and where the student, after having obtained sound elementary knowledge, pursues the technical study of Art in the direction required by his occupation;

Fifth, to selected students of Local Schools of Art, who obtain scholarships at the National Art Training School, which is maintained for training Art teachers, designers, and Art workmen.

Elementary Schools.—During the past year these schools have been examined as nearly as practicable at the end of their school year, thus carrying further the intention of the alteration of rule mentioned in the report of the previous year.

The tabular statement at page 348, shows the results of examinations between October 1881 and August 31, 1882. In these 10 months 4,812 schools sent up 572,188 children and 12,373 pupil-teachers for examination, so that there is an apparent decrease of 285 schools, as compared with 5,097 examined in March 1881.

In the next report a full year's work will appear.

Much of the result of the examinations in these schools is unsatisfactory, and though from the quite untaught elements existing in many elementary schools a high standard cannot be expected to be reached, there is no doubt that much more might be done if the teaching were always carefully and methodically given. Mr. Campbell, who has visited some of these schools, reports that the blackboard is too sparingly used; that models not large enough are employed for class teaching; and that there is a want of system in arranging the time for the drawing lesson, which is often postponed for other work. In some schools the drawing lessons are not regularly given, although appearing in the time table, and in some are suspended from time to time, or given for a few months only before the examination. The attention given to the subject by the London School Board, and by the boards of some large provincial towns, will probably lead to its being more warmly taken up generally.

Training Colleges.—The Table B. of results in these colleges, page 419 shows a relaxation of the attention which has hitherto been given to drawing. The total number of students presented for examination in November was 3,454 or fewer by 47 than in November 1881, but 1,340 teachers, including those who attended at South Kensington, came up from outside the colleges, only three less than in the previous year. To teachers and students a total of 995 certificates (D) were granted against *1,150* in 1881,

Art Classes.—Table C., page 421. The decline in the number of these classes continues; it is, no doubt, still due to the higher qualification

required of teachers. This standard is not well understood, and a large number of candidates for examination present themselves whose work is very far from reaching it. 454 candidates proposed themselves for examination and submitted preliminary works; of these 376 were admitted to sit for two or more of the time studies required, of whom 28 only were fully successful in obtaining the certificate. A list of those who succeeded in obtaining the Art Class Teacher's Certificate is given at page 499. The total number taught in these classes was 21,215, of whom 9,988 came up for examination in the second grade and 12,165 sent up works for examination. The aid given by the Department was 5,840*l.*, as opposed to 5,775*l.* in 1881.

Science Classes.—The number of those which claim aid for the Art merit of their drawings continues to increase—282 this year against 260 in 1881. 5,802 students sent up works on which grants were made amounting to 1,902*l.* 3*s.* 10*d.*, of which 77*l.* 5*s.* 5*d.* was for prizes. *See* table D., p. 434.

Unaided Schools or Classes.—Under this head are now first classed 5,937 candidates, who, without being students in any class under inspection, presented themselves for examination.

157 schools sent 2,074 scholars for examinations of the first grade and 9,849 students in the second grade; 495 passed in first and 2,837 in second grade. *See* Table E., p. 441.

Schools of Art.—A tabulated statement taken from the reports of the local committees commences at p. 446, and gives the number of students, the rate of fees, names of officers and teachers of each school. Table F., at p. 472, gives the results of the various examinations, and shows the relative positions of the schools as tested by those examinations. It shows that a considerable number do not prepare candidates for the higher examinations, and also that many (46) fail to obtain any prize higher than those of the elementary second grade, while to some of the larger schools as many as 69 in Birmingham, 60 in Nottingham, 48 in Edinburgh, 38 in West London, 37 in Bloomsbury, 34 in Glasgow, and 23 in Sheffield have been awarded. It would seem that the competition on an equal standard between large and well equipped schools bears hardly on those in smaller places to the extent of depriving them almost entirely of the encouragement and direction afforded by prizes.

Table G. exhibits the financial position of the schools as regards income. A marked increase, from 35,452*l.* to 39,198*l.*, in the amount of fees received from students is accompanied by a smaller rise, from 16,415*l.* to 16,978*l.*, in the payments in aid from the Department. This aid is raised by the cost of prizes and examples to a total of 20,193*l.* for the year, the total income of the schools from all sources being 64,175*l.*

A summary of the number of persons aided by the Department in obtaining Art instruction is given in Table H., which shows the continued increase in these numbers since 1857, while Table I. shows the expenditure at which this aid is given, and also the distribution of the grants for prizes among Elementary schools, Art and Science classes, and Schools of Art.

Building Grants have been made to two schools during the past year, which have been added to the list at page 503.

National Competition.—The report of the examiners, which is the final judgment on the higher sections of the work of Schools of Art, is given at page 484, together with lists of the successful students and some observations by the examiners of the local advanced examinations.

National Art Training School.—The report of the registrar, Colonel Lennox, is given at p. 501. It shows an attendance of 728 students and the receipt of 3,247*l.* 3*s.* from fees. 114 students have attended without paying fees and 38 at half fees; 39 students in training and pupil teachers, and 16 national scholars have been paid maintenance allowances.

H. A. BOWLER.

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
CHESHIRE—*cont.*				£ s. d.
Chester, Victoria Rd. B.	150	115	1	9 4 11
Church Coppenhall	256	180	7	5 0 5
Compstall, N. -	222	147	3	19 8 0
Congleton, Wagg St. Wes.	170	150	5	2 0 9
Crewe, Crewe St. N.	316	254	3	11 1 7
Crewe, Edleston Rd. N.	231	176	1	7 6 3
Crewe, High Town L. & N.W. Ry. Co.'s	180	125	4	7 14 2
Crewe, High Town Wes.	300	219	5	9 15 2
Crewe, Hill St. Pres.	350	298	15	9 18 8
,, Mill St. Wes.	174	151	1	8 15 5
Dukinfield, Moravian	58	28	—	0 18 1
Dukinfield, St. Mark's, N.	280	126	—	8 15 6
Dukinfield, Wellington St. B.	64	43	1	2 7 9
Edgeley, C. E. -	400	245	—	12 2 7
Edgeley, Wes. - -	335	140	3	4 15 9
Ellesmere Port, N. -	128	95	2	4 6 6
Hazel Grove, Wes. -	200	143	1	4 8 2
High Legh, C. E. -	78	69	2	2 13 5
Hollingworth, B. -	80	51	5	5 8 2
Hoole, All Saints -	50	35	2	4 5 2
Hyde, Flowery Field Boys', B.	324	287	—	19 5 10
Hyde, Flowery Field Girls', B.	242	184	6	8 12 9
Hyde, St. Thomas' C. E.	76	44	—	2 8 1
Hyde, St. Thomas' C. E.	70	39	—	1 7 3
Hyde, Wes. - -	130	108	2	4 19 0
Knutsford, Wes. -	30	20	—	0 5 11
Latchford, St. James' C. E.	140	85	—	3 18 11
Latchford, Wash Lane, N.	89	56	3	4 6 6
Liscard, C. E. -	120	83	—	3 9 10
Macclesfield, Ch. Ch.	240	213	3	7 19 7
,, ,, ,, Boys'.	220	184	1	8 13 8
Macclesfield, Ch. Ch. Girls'.	170	107	9	5 0 11
Macclesfield, Ch. Ch. Girls'.	160	109	7	6 12 10
Macclesfield, Crompton Rd. N.	174	124	1	9 15 9
Macclesfield, Lord St. B.	206	147	3	8 6 7
Macclesfield Mill St.	260	187	4	11 5 9
Marple, Albert B. -	200	112	5	12 1 6
,, (Low) C.E.-	125	50	2	3 12 9
Micklehurst, N. -	242	159	—	5 2 9
Middlewich, N. -	71	69	2	5 0 9
Millbrook, N.	210	173	1	6 1 8
,, N. -	175	175	—	5 14 11
Nantwich, Wes. -	180	95	3	4 14 7
Norbury, N. - -	80	74	—	3 10 0
Northwich, Weaver Navigation.	64	39	3	4 9 9
Northwich, Wes. -	105	77	—	3 3 3
Over, *High Street* -	160	70	1	3 15 10
,, *Meadow Bank*	70	54	2	2 1 5
Romiley, N. - -	139	89	—	3 3 6
Runcorn, Brunswick Wes.	400	127	2	10 6 2
Runcorn, Church Street Boys', N.	288	221	2	16 9 1
Runcorn, Church Street Girls', N.	195	109	3	5 17 2
Runcorn, Holy Trin. N.	230	192	—	9 18 4
Sale, St. Anne's C.E.	141	71	3	2 18 8
,, Township -	154	129	3	10 9 8
Sandbach, Hassall Green Wes.	52	49	1	2 10 7
Seacombe Mission -	371	260	5	28 4 7
,, N. -	88	52	8	4 3 1
Seamon's Moss, C. E.	71	51	—	2 13 1
Sharston ,N. - -	50	45	—	3 7 1
Stockport, Brentnall St. Wes.	300	218	12	15 3 2
Stalybridge, Castle Hill, N.	198	141	—	5 6 7
Stockport, Great Moor, C. E.	70	64	—	5 18 0
Stockport, Hanover	300	209	2	11 14 1
,, Portwood St. Paul's C. E.	300	100	3	5 9 8
Stockport, Portwood Wes.	320	240	14	25 14 8
Stockport, St. Mary's N.	207	165	2	11 7 6
Stockport, St. Thomas'.	750	513	10	21 12 3
Stockport, Union Chapel B.	120	62	2	5 6 7
Stockport Wellington Rd., B.	200	56	4	3 1 9
Stockport Heath, C. E.	65	61	—	3 1 5
Styal, The Oak B. -	60	60	—	3 12 4
Sutton Langley -	60	52	—	2 13 2
Sutton, Centenary	190	133	4	5 19 0
Tarporley, B. - -	41	35	1	2 18 5
Taxal, N. -	75	53	2	3 5 11
Tilstone, C. E. -	130	40	5	4 11 1
Tranmere, St. Catherine's, N.	184	180	—	10 14 10
Wallasey, N. - -	110	71	3	4 2 7
Weston, Wes. - -	80	60	3	3 5 10
,, - -	64	56	4	3 3 5
Willaston - -	150	99	2	8 1 8
Wilmslow, N. - -	120	86	4	6 4 2
Woodley, B. - -	120	44	—	3 11 1
CORNWALL.				
Bodmin, Wes. - -	61	58	—	4 2 9
Callington, N. - -	38	19	—	0 9 6
Calstock, *Gunnislake.*	148	103	—	4 1 11

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
CORNWALL—*cont.*				
Calstock, Church Town, N.	140	100	—	5 10 4
Camborne, Basset Rd. Boys'.	130	60	4	4 18 1
Camborne, Basset Rd. Girls'.	44	43	—	0 9 5
Camborne, Roskear	150	102	6	5 3 1
" *Troon* -	104	67	4	3 11 3
" College Row, Wes.	144	80	3	2 18 3
Camelford, N. - -	126	65	3	3 0 7
" - -	117	54	3	1 12 8
Cawsand and Kingsand, C. E.	86	74	2	8 14 5
Connor Downs, C. E.	36	27	—	2 7 8
Crowan, *Leedstown*	100	70	—	5 9 8
" "	80	63	2	4 12 2
Cury, C. E. - -	40	39	—	2 16 8
Devoran, N. - -	108	82	3	6 14 3
Falmouth - -	200	110	—	3 19 4
" Boys' B.	230	178	—	10 19 3
" Girls' B.	185	122	1	5 6 8
Flushing, C. E. -	75	43	1	2 19 8
Germoe - - -	90	64	2	3 13 0
Gerrans, Par. - -	85	40	4	3 12 3
Gulval Cross - -	45	33	1	2 4 3
Hayle, Copperhouse Wes.	140	84	2	5 0 0
Hayle, Copperhouse Wes.	120	94	2	5 14 11
Hayle, Foundry Hill Wes.	173	134	2	6 13 10
Hayle, Foundry Hill Day.	170	121	2	6 3 3
Hayle, Phillack N. -	50	38	1	4 1 9
Helston, N. - -	225	206	6	8 16 4
" Wes. - -	90	83	3	7 8 7
Illogan, *Carnkie* -	116	79	3	0 9 7
" *Church Town Boys'.*	100	63	3	3 12 2
Illogan, *Church Town Girls'.*	70	35	4	Nil.
Illogan, *Pool Boys'*	77	51	2	1 3 10
" " *Girls'*	58	49	4	0 0 5
Kilkhampton, N.	54	36	2	4 12 0
Ladock, C. E. - -	30	27	1	0 16 7
Lanlivery, Church Town.	47	42	—	2 11 10
Lanner - - -	40	34	1	1 1 0
Launceston - -	79	48	1	2 17 3
" - -	83	54	1	3 12 0
" N. -	123	72	—	5 4 5
Lewannick - -	27	22	1	1 12 7
Liskeard, C.E. Boys'	79	59	3	2 15 6
" C. E. Girls'.	100	40	—	0 14 6
Luxulyan - -	98	65	2	7 7 3
Millbrook, N. - -	104	100	4	6 14 0
Mullion - - -	34	16	—	0 14 9
Mylor Bridge, N. -	107	70	5	4 10 4
Newlyn Wes. - -	180	89	4	3 11 10
Padstow - - -	110	73	2	4 7 4
Paul - - -	146	104	3	3 9 1
CORNWALL—*cont.*				
Pendeen - - -	90	69	6	5 14 7
Penryn, Wes. - -	193	72	6	7 3 3
Penzance, Wes. (Chapel Street).	254	182	8	10 3 1
Penzance, N. - -	100	76	—	5 4 0
Perran-ar-Worthal.	75	62	1	5 6 3
Ponsanooth, B. -	50	43	1	0 19 3
Probus, Wes. - -	100	34	2	2 6 5
Redruth, *Pedn-andrea.*	239	117	2	6 8 8
St. Agnes, *Mount Hawke.*	60	30	2	3 3 7
St. Agnes, *Town* -	126	61	3	3 19 0
St. Austell, *Mount Charles.*	94	62	—	5 10 9
Treverlyn - -	100	64	6	3 2 8
St. Breage, *Herland Cross.*	77	59	3	6 14 10
St. Breage, *Wheal Vor.*	60	55	2	7 1 5
St. Breage, N. - -	124	73	1	4 19 2
St. Just - - -	230	137	6	10 16 11
St. Mawes, Wes. -	120	81	3	3 15 3
St. Winnow, N. -	63	53	2	2 9 7
St. Sithney, N. -	35	26	2	5 11 10
" " -	40	37	—	0 11 2
Saltash - - -	120	48	1	2 4 5
Sithney Trannock -	71	40	1	3 8 7
St. Mary's (Carn Thomas).	42	38	2	5 2 5
Stoke Climsland -	112	76	5	2 17 7
" " -	60	55	5	5 16 6
Stoke Luckett -	138	71	—	6 8 2
" " -	142	113	—	5 0 0
Stratton, N. - -	48	36	—	2 11 7
Tintagel N. - -	30	27	4	1 13 4
Torpoint, N. - -	78	60	1	8 18 4
" Wes. -	109	88	4	6 7 9
Trevarrack - -	100	46	—	3 10 3
Truro, Fairmantle Street, N.	96	63	1	5 4 7
Truro, St. Mary's N.	50	20	1	0 17 11
" Union Place, Wes.	181	162	2	7 4 2
Veryan, C. E. - -	132	63	1	2 10 2
Wall, Wes. - -	116	55	1	3 11 4
" " - -	118	46	1	5 7 11
Wendron, *Four Lanes.*	90	50	3	2 12 0
Wendron, *Four Lanes.*	75	45	3	3 2 1
Wendron, *Carnmenellis.*	35	32	1	0 5 4
CUMBERLAND.				
Addingham, Maughanby C. E.	36	33	—	2 0 1
Frizington - -	105	61	1	4 2 9
Bigrigg - - -	60	35	—	3 5 7
Keswick, Brigham N.	110	75	3	5 4 4
Burgh-by-Sands -	34	27	—	2 4 11

Instruction in Drawing in Elementary Day Schools—*continued.*

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				£ s. d.
CUMBERLAND—*cont.*				
Carlisle, *Caldewgate*	240	131	2	8 18 3
" *Mary St.* -	129	98	1	7 4 6
" Ch. Ch. -	195	139	6	12 13 8
" Ch. Ch. -	191	111	6	7 3 6
" Fawcett -	211	176	6	8 16 0
" Fawcett -	220	167	9	10 19 1
Cleator, N. - -	60	53	2	—*
Cleator Moor, Iron Cos.	90	72	2	2 14 5
Egremont, *Bookwell.*	150	68	4	3 19 5
Egremont, *Moor Row.*	81	80	1	1 18 10
Farlam, C. E. -	125	78	4	4 12 6
Frizington, St. Paul's N.	140	108	5	6 0 9
Gamblesby - -	50	42	—	4 7 5
Harrington - -	62	48	2	3 0 11
" *Lowca*	20	20	—	0 1 7
Hensingham, N. -	70	57	1	6 10 8
Holme Head, B. -	160	124	3	11 14 3
Irthington - -	27	23	—	1 1 3
Laversdale, C. E. -	50	38	2	6 6 5
Maryport, Eaglesfield St., Boys', N.	70	58	3	2 13 7
Maryport B. - -	125	89	2	4 8 10
Midgeholme, C. E. -	35	24	—	2 14 0
Millom, *Castle* -	60	37	1	3 7 4
" *Haverigg* -	47	41	6	2 14 2
" *Holborn Hill.*	127	125	1	6 15 0
Millom, *Thwaites* -	20	20	—	2 0 6
Nenthead, Undenoml.	53	44	7	6 11 11
Oulton, C. E. - -	49	37	—	1 17 1
Parton, J. Williamson.	30	20	—	0 6 11
Penrith, *Castlegate*	160	136	5	8 10 10
" Boys' N. -	200	117	3	8 2 10
" Wes. - -	129	126	3	10 15 5
Renwick - - -	30	26	—	1 6 5
Seaton - - -	85	61	2	0 17 8
Threlkeld, C. E. -	50	33	2	2 4 0
Warwick, B. - -	45	34	—	0 15 5
Whitehaven, Holy Trinity Boys'.	120	76	5	4 4 5
Whitehaven, Holy Trinity Girls.	90	70	4	3 4 9
Whitehaven, St. James' N.	170	136	2	11 3 0
Whitehaven, St. Nicholas'.	210	191	—	9 11 0
Wiggonby, End. -	40	21	—	1 6 5
" " -	42	19	—	0 16 8
DERBYSHIRE.				
Allestree, C.E. -	88	56	3	2 6 3
Ashbourne, N. -	164	113	2	4 12 10
Bakewell, Matlock Street, Wes.	50	42	—	2 3 6
Bakewell, Matlock Street, Wes.	90	38	—	2 4 1
Bakewell, Mill St., N.	110	39	—	3 5 7

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				£ s. d.
DERBYSHIRE—*cont.*				
Bakewell, Mill St., N.	110	50	—	2 12 6
Beighton - - -	129	106	2	4 1 1
Blackwell, Colliery -	102	70	—	3 6 11
" N. - -	60	34	2	0 5 8
Bradwell, N. - -	36	34	2	2 9 6
Brampton, St. Thomas'.	142	141	1	6 1 3
Brampton (New) -	210	126	1	6 0 3
" *Holymoor Side.*	160	100	5	9 10 5
Brimington Central	133	94	—	4 3 6
Buxton - - -	140	128	3	6 8 5
Castleton, C. E. -	50	49	1	2 12 4
Charlesworth, N. -	62	30	1	1 0 5
Chapel-en-le-Frith, N.	93	67	1	5 5 9
Chelmorton, C. E. -	34	29	—	0 19 6
Chesterfield, *Hipper Street.*	200	142	—	5 15 5
Chesterfield, *St. Helen Street.*	350	253	6	12 7 0
Chesterfield, Trinity N.	130	112	1	5 18 11
Chesterfield Trinity N.	100	70	—	5 18 0
Chinley, B. - -	40	30	2	2 19 5
Clay Cross, Iron Works.	209	183	7	12 15 9
Clay Cross, St. Bartholomew's N.	96	67	1	4 11 1
Clay Lane, *North Wingfield.*	56	36	—	2 17 10
Clay Lane, *Pilsley* -	160	115	2	3 13 5
" *Tupton* -	112	79	—	5 13 0
Codnor, W. Meth. Free Ch.	76	68	5	4 2 9
Darley Abbey - -	70	34	—	2 11 1
Derby, *Ashbourne Rd.*	500	333	—	31 1
Derby, *Gerard St. Boys'.*	353	226	—	17 17
Derby, *Gerard St. Girls'.*	300	205	—	7 6
Derby, *Nun St.* -	193	107	—	8 16
" *St. James' Rd.*	230	134	3	11 0
" "	185	158	—	14
Derby, *Traffic St.* -	158	104	2	8 14
" Canal Street Wes.	515	293	7	38 16
" Ch. Ch. N. -	138	53	6	3
" Curzon St. N.	180	151	3	12 1
" King St. Wes.	350	280	6	33
" Orchard St. B.	228	190	3	14
" Prac. - -	160	101	3	6
" St. Alkmund's	160	120	3	7
" St. Andrew's Boys'.	220	194	—	18
Derby, St. Andrew's Girls'.	96	72	—	3
Derby, St. Anne's -	84	78	3	6
" St. Dunstan's	135	85	2	7
" St. James' Boys'.	181	129	3	

* Grant suspended for irregularity.

Instruction in Drawing in Elementary Day Schools—*continued.*

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DERBYSHIRE—*cont.*				
Derby St. James' Boys'.	158	151	2	8 12 0
Derby, St. James' Girls'.	130	108	—	4 12 9
Derby, St. James' Girls'.	150	111	1	5 1 9
Derby, St. Luke's C. E. Boys'.	260	116	—	5 9 9
Derby, St. Luke's C.E. Girls'.	150	63	4	3 18 8
Derby, St. Paul's N.	40	22	3	3 16 9
" Trinity. -	300	282	9	16 16 9
Eckington - -	200	108	5	3 14 1
Eckington, Marsh Lane.	125	92	4	3 8 2
Eckington, Mosborough.	220	140	2	5 13 6
Eckington, Renishaw.	104	101	3	3 2 2
Eckington, Ridgeway.	110	56	—	4 15 0
Edensor, N. - -	45	31	—	2 12 0
" - -	45	35	—	2 0 3
Glossop, Duke of Norfolk's.	170	107	2	2 4 6
Hadfield, Wes. -	120	77	—	Nil.
Hasland, N. - -	94	79	4	4 1 0
" " - -	75	64	5	3 9 4
Heanor Boys' -	278	203	5	10 5 4
" Girls' -	66	53	—	3 18 5
Hope, C. E. - -	64	40	2	3 16 8
Howardtown, Wes.	104	96	1	3 8 9
Ilkeston, B. -	98	88	3	6 4 2
Killamarsh, *Belk Lane.*	65	53	—	3 1 11
Killamarsh, End. -	80	54	1	3 10 6
Little Eaton - -	32	24	—	0 17 1
Long Eaton - -	220	90	8	3 14 1
Longstone, N. - -	48	39	—	2 6 10
Matlock, B. - -	106	99	—	2 15 5
Matlock, Bath -	109	87	2	6 13 0
Melbourne, N. Boys'	70	59	—	2 15 5
" Girls'	24	17	—	0 13 8
Melbourne, Chapel Street, B.	45	30	3	4 0 0
Milford, B. - -	148	108	1	10 5 4
Mosbrough, C. E. -	104	61	3	3 8 9
Newbold, C. E. -	80	61	1	4 8 5
Normanton (South)	130	88	—	2 4 6
Pinxton - - -	140	71	2	6 11 7
Riddings, N. - -	250	116	2	3 12 8
Ripley, N. - -	160	134	1	10 13 3
" - -	130	103	2	5 3 2
Sandiacre - -	95	60	1	2 16 1
" - -	120	45	—	2 0 2
Shipley, N. - -	120	100	3	9 13 0
Staveley, Works -	500	377	4	18 1 7
" -	460	364	6	12 0 7
Tansley, N. " - -	171	76	1	3 16 0
Tideswell, Congl. -	106	64	3	3 12 1
" " -	77	68	2	2 10 10
" N. " - -	100	66	4	4 9 1
" " - -	70	49	3	2 9 8
DERBYSHIRE—*cont.*				
Whaleybridge, Wes.	80	45	2	2 13 7
Whittington Moor, Webster's End.	200	133	2	18 17 3
Whittington (New), Webster's End.	146	141	4	5 5 7
Whittington (Old), Webster's End.	150	109	2	8 1 4
Wirksworth, B. -	110	82	2	4 0 2
DEVONSHIRE.				
Appledore, Wes. -	73	35	—	0 16 5
Barnstaple, Blue Coat.	106	83	1	5 5 1
Barnstaple, Reform St. Wes.	130	83	5	6 13 2
Barnstaple, St. Mary Magdalene, N.	100	49	—	—*
Bideford, *Lower* -	120	97	—	4 13 2
Bradnich, N. -	54	35	4	2 10 9
Bridestowe, C. E. -	60	50	—	3 7 4
" " -	54	30	—	1 8 6
Buckfastleigh -	60	48	—	3 17 3
" -	60	43	—	4 3 1
Cheriton Bishop -	65	47	—	3 10 6
Combmartin, N. -	56	44	2	2 11 8
Cornwood, N. - -	170	71	—	3 7 2
Culmstock - -	87	52	4	4 9 11
Dartmouth - -	180	101	2	4 17 1
Devonport, *Cherry Garden Street.*	292	140	5	4 19 8
Devonport, *Ford* -	275	201	1	11 5 4
" *Morice Town.*	287	198	7	7 13 5
Devonport, *Stoke* -	128	82	4	4 16 7
" *Tetcott*	71	54	1	3 1 6
Devonport, Royal Naval and Military Boys'.	300	157	3	8 1 0
Devonport, Royal Naval and Military Girls'.	160	82	5	2 14 10
Devonport, St. James' N.	150	101	—	8 15 5
Devonport, St. John Street B.	234	126	5	5 5 6
Devonport, St. John Street N.	358	287	7	13 1 8
Devonport, St. Mary's N.	120	88	1	4 13 0
Devonport, St. Stephen's N.	71	69	—	3 10 8
Devonport, Stoke, Pub.	480	396	15	30 4 9
Dolton, N. - -	70	50	4	2 9 5
Egg Buckland, N. -	95	46	2	0 3 7
Ermington, *Ivybridge.*	204	82	8	7 16 9
Exeter, *Paradise Place.*	200	94	5	6 7 2
Exeter, Central -	228	130	2	10 0 3
" Mint Lane, Wes.	95	93	2	9 9 9
Exeter Paris Street	113	87	2	5 15 2

* Grant lapsed.

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DEVONSHIRE—*cont.*				
Exeter Prac. -	214	182	—	11 3 5
„ St. Davids' N.	82	56	4	4 17 11
„ St. David's Hill, Epis.	68	35	—	4 11 7
Exeter, St. John's Hospital.	104	93	—	13 4 7
Exeter, St. Sidwell's	170	130	8	12 11 3
Gulworthy - -	86	73	2	4 16 2
Holcombe Rogus, C. E.	36	30	—	0 18 7
Holsworthy, Chapel Street, Wes.	36	34	2	4 19 5
Holsworthy, N. -	54	22	2	5 4 11
Honiton, King St.N.	84	43	3	5 1 9
Honiton B. - -	70	53	—	2 15 1
Ilfracombe, Church Street, N.	98	47	—	2 2 4
Ilfracombe, SS. Philip and James N.	70	43	—	2 6 8
Ipplepen - - -	56	34	2	0 18 8
Kingsbridge and Dodbrooke, B.	90	56	2	4 3 5
Liftou, N. - -	50	33	2	3 1 0
„ - -	50	29	3	4 8 4
Morchard Bishop, C. E.	85	45	5	3 15 5
Morchard Bishop, C. E.	84	35	5	3 5 11
Newton Abbot, B. -	70	62	6	5 2 8
Northam, N. - -	120	76	1	2 7 4
Paignton - -	150	117	4	2 17 2
Parkham - -	50	36	1	0 18 7
Plymouth, *King St.*	230	111	4	6 11 0
„ *Stillman Street.*	264	70	3	5 8 1
Plymouth, *Treville Street.*	95	74	4	3 5 5
Plymouth, Charles, N.	370	165	6	10 3 7
Plymouth, Ch. Ch. N.	104	77	2	5 9 5
Plymouth, Cobourg Street. Pub.	1.100	1,001	—	53 10 9
Plymouth, George Street.	197	170	2	9 15 5
Plymouth, Royal Marine.	100	64	—	3 2 11
Plymouth, St. Andrew's, N.	61	47	3	2 17 10
Plymouth, St. Andrew's, Princess Street, N.	185	141	4	7 12 5
Plymouth, St. Peter's C. E.	180	94	2	3 1 6
Plymouth, Trinity, N.	143	113	1	2 15 7
Plympton, Ridgeway Pub.	66	50	4	5 13 9
Princetown, Dartmoor Prison Officers.	75	65	4	5 0 0
St. Mary Tavy, N. -	40	36	2	2 7 4
St. Thomas' (Boys')	180	118	—	21 18 11
DEVONSHIRE—*cont.*				
Salcombe, N. - -	70	46	4	4 10 1
Seaton, Sir A. Trevelyan's.	49	46	2	5 1 4
Sheepwash, N. -	36	35	—	0 15 2
Sidmouth, Par. -	50	28	1	0 15 11
South Brent - -	70	54	5	8 11 6
„ „ - -	64	48	4	5 14 6
Stockland, N. - -	54	27	1	0 7 4
Sutton-on-Plym, N.	130	74	3	4 6 2
Tavistock, Plymouth Road.	142	85	2	4 7 7
Tavistock, Dolvin Road, N.	55	49	4	4 5 8
Teignmouth, *Exeter Road.*	50	34	1	2 11 0
Teignmouth, *Upper Brook Street.*	110	81	3	2 15 8
Torquay, B. - -	310	285	1	11 6 4
„ Torwood Trinity.	67	39	—	3 5 3
Torrington - -	98	91	7	5 2 11
„ Blue Coat	90	63	3	6 7 11
Totnes, *Grove* -	100	51	2	4 7 3
„ „ - -	100	51	2	3 17 9
DORSETSHIRE.				
Beaminster, East St. (Boys')	92	41	1	3 3 2
„ - -	80	31	—	2 17 6
Bourton, N. - -	64	27	2	0 9 9
Bridport, Folly Mill	146	146	—	7 0 6
Dorchester, N. -	372	192	8	12 15 3
„ -	300	183	4	7 16 10
Longfleet, N. - -	100	57	1	4 0 10
Lyme Regis, N. -	102	73	4	4 8 3
Portland, Easton Sq. Wes.	55	51	4	3 13 5
Portland St. George's	100	82	4	2 17 0
Shaftesbury, N. -	65	41	3	0 8 11
Sherborne, Horsecastle's N.	160	116	—	13 13 11
Sherborne, Long St. B.	109	95	1	8 12 7
Sturminster Newton, N.	32	31	—	0 9 3
Sturminster Newton, Wes.	80	39	—	3 0 2
Weymouth, St. John's.	123	74	3	4 11 11
DURHAM.				
Barnard Castle, N. -	118	101	2	5 17 0
„ Wes.	189	182	2	7 6 2
Barrington, Boys' C. E.	70	55	1	2 13 6
Bedburn, North, *Howden le Wear.*	183	117	4	6 0 4
Bedburn, North, *Benfieldside.*	140	78	6	6 14 2
Bensham, St. Cuthbert's N.	209	141	3	9 14 9
Bensham St. Cuthbert's N.	200	122	3	6 19 1

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DURHAM—*cont.*				
Binchester, Colliery	110	60	2	8 17 9
Bishop Auckland, *East Howle.*	120	65	3	2 3 6
Bishop Auckland, Wes.	215	147	2	4 13 6
Bishopwearmouth, N.	550	473	—	20 17 3
Bishop Auckland Black Boy Colliery.	260	162	3	11 8 5
Boldon (West) -	167	154	7	6 0 5
„ (West) N. -	70	55	1	5 7 7
Burnhope, Colliery	66	49	—	3 5 1
„	70	53	—	2 13 11
Burnopfield, N. „ -	33	24	3	1 8 6
„ U. M. F. C.	102	91	1	2 0 8
Chilton Moor, N. -	200	44	5	3 9 4
Cockerton, C. E. -	216	166	3	6 13 2
Collierley - -	417	198	9	6 0 9
Consett, Wes. - -	90	41	5	0 15 3
Cornsay Colliery, B.	90	61	1	4 13 6
Coundon, C. E. -	64	51	2	0 11 2
Crook - - -	215	196	1	11 15 10
„ *Helmington Row.*	152	137	—	8 17 8
Darlington, *Albert Road (Boys').*	164	148	3	15 13 11
Darlington, *Albert Road (Girls').*	95	84	4	4 17 11
Darlington, *Bank Top (Boys').*	171	157	2	10 11 9
Darlington, *Bank Top (Girls').*	120	62	3	3 13 10
Darlington, *Skinnergate.*	145	90	2	5 5 7
Darlington, Bondgate Wes. (Boys').	217	153	5	12 7 4
Darlington, Bondgate Wes. (Girls').	120	83	5	4 1 3
Darlington, Trinity N.	120	59	1	2 4 8
Darlington, St. Cuthbert's.	222	82	5	3 3 10
Darlington, St. John's.	194	160	5	8 9 10
Durham, Blue Coat	150	78	5	6 14 4
„ Model -	150	108	1	8 11 1
„ New Elvet Wes.	80	45	3	3 0 10
Durham, St. Margaret's (Boys')	150	55	—	2 19 5
Durham, St. Oswald's, N.	90	77	2	2 5 5
Easington, N. - -	85	57	—	3 6 10
Elvet St. Oswald's, *Bearpark.*	100	76	2	4 0 8
Elvet S. Osald's, *Houghall.*	47	46	1	0 16 8
Eppleton, Colliery -	165	136	2	7 16 4
Escombe, N. - -	144	97	4	14 0 11
Esh, B. - - -	235	150	1	6 2 6
„ Langley Park B.	128	76	1	8 1 11
Ford - - -	270	161	5	3 11 7
DURHAM—*cont.*				
Frosterley, End. -	101	60	2	6 12 1
„ „ -	88	67	3	11 19 3
Gateshead, *Alexandra Road.*	718	684	17	35 17 7
Gateshead, *Oakwellgate.*	281	206	1	8 0 8
Gateshead, *Prior St.*	296	201	4	16 12 7
„ *Redheugh*	275	224	7	16 10 9
„ *Sheriff Hill.*	322	231	5	16 19 3
Gateshead, *Sunderland Road.*	583	329	5	30 6 5
Gateshead, High West Street Wes.	455	331	8	26 16 4
Gateshead, Low Fell, N.	250	135	2	6 1 9
Gateshead, Rochester Street.	218	149	5	12 16 2
Gateshead, Rochester Street.	208	126	—	6 15 10
Gateshead, St. Mary's C. E.	330	154	2	19 6 4
Greatham, N.	30	25	—	15 7
Hamsterley Colliery	60	37	1	2 14 11
Hartlepool (East), Wes.	160	145	—	4 16 8
Hartlepool (East), Prissick End. C.E.	74	60	3	3 12 8
Hartlepool (West), Wes.	180	162	1	15 16 2
Haswell Colliery (Boys').	100	56	—	2 13 0
Hebburn, New Town Wes.	140	80	—	0 13 1
Hebburn *St. Andrew's.*	130	88	3	4 5 4
Heighington, C. E. -	60	29	1	3 7 7
Hendon, St. Paul's -	120	90	4	3 12 8
Hetton-le-Hole, N.	304	167	2	4 13 9
Heworth, *Bill Quay*	292	187	5	16 11 10
„ *Felling Boys'.*	100	93	3	4 3 10
Heworth, *Felling Girls'.*	72	72	—	4 9 7
Heworth, *High Felling.*	480	430	—	23 14 3
Howden-le-Wear, High Grange, North Bitchburn.	145	128	1	9 3 4
Houghton-le-Spring, C.E.	110	73	2	3 19 10
Houghton-le-Spring. Wes.	170	100	—	4 10 2
Hunwick, N. - -	180	138	—	4 8 2
Hurworth, N. -	64	37	2	2 12 5
Hylton, *Castletown*	52	34	1	1 1 0
Jarrow-on-Tyne, *Dunn Street.*	201	152	4	9 1 10
Jarrow - on - Tyne, *Grange.*	410	304	7	16 14 4
Jarrow - on - Tyne, *Hebburn.*	500	265	7	13 14 0

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.				Children.	Pupil-teachers and paid Monitors.	
DURHAM—*cont.*				£ s. d.	DURHAM—*cont.*				£ s. d.
Jarrow-on-Tyne, Wes.	152	94	2	2 4 4	Spennymoor, Tudhoe Iron Works.	106	104	2	4 14 6
Kyo, *West* - -	140	106	4	5 10 10	Spennymoor, Mount Pleasant Wes.	95	47	4	3 7 10
„ *Annfield Plain*	150	111	—	5 9 0	Stanhope, *Frosterley*	107	74	2	9 2 8
„ *Oxhill* - -	130	106	3	8 14 7	„ *Lanehead*	62	50	1	5 6 5
Lamesley, C. E. -	90	63	1	4 6 7	„ *Newhouse*	68	55	2	2 8 9
„ -	73	54	1	3 6 9	„ *Rookhope*	65	38	1	3 16 3
Lanchester, End. -	85	72	—	3 5 11	„ *St. John's Chapel.*	50	35	2	3 16 8
Lintz Green, Colliery	103	83	3	2 12 6	Stanhope, *Wearhead*	90	60	3	6 15 5
Lumley, N. - -	90	82	2	5 7 9	„ *Westgate*	100	65	1	5 19 1
Lynesack, N. - -	100	76	3	4 1 2	„ Back Lane Wes.	123	82	5	7 14 3
Marley Hill, C. E. -	84	60	—	2 10 7	Stanhope Dr. Hartwell's C. E.	40	35	—	4 19 1
Middleton, *Leasingthorne.*	75	65	4	2 1 1	Stanley, B. -	187	131	2	8 7 8
Pallion, C. E. -	100	52	—	4 13 4	„ „ -	188	140	2	6 15 1
Sacriston, N. - -	143	93	—	2 17 0	Stockton-on-Tees, Blue Coat.	300	132	4	6 5 0
Seaham Harbour, N.	134	80	4	16 11 8	Stockton-on-Tees, Hume St. B.	230	205	6	10 7 8
Seaton Carew, N. -	36	27	—	2 3 5	Stockton-on-Tees, Holy Trinity.	180	87	3	3 11 2
„ „ „	36	25	—	0 14 1	Sunderland. *Diamond Hall Boys'.*	300	230	5	14 7 10
Sherburn Ch. „ -	88	61	—	4 4 9	Sunderland, *Diamond Hall Girls'.*	179	141	4	5 19 4
Shields (South), *Cone Street Boys'.*	260	161	12	9 12 2	Sunderland, *Garden Street.*	260	169	3	7 4 6
Shields (South), *Cone Street Girls'.*	152	123	2	2 9 6	Sunderland, *Hendon Boys'.*	480	280	—	13 7 5
Shields (South), *East Jarrow.*	200	87	—	4 14 1	Sunderland, *James William St. Boys'.*	220	126	4	2 9 9
Shields (South), *Ocean Road Boys'.*	450	404	—	27 6 4	Sunderland, *Moor* -	175	133	1	6 17 4
Shields (South), *Ocean Road Girls'.*	400	214	7	6 5 4	Sunderland, *Thomas Street Boys'.*	300	204	2	17 15 4
Shields, *Hudson St.*	420	254	5	15 16 3	Sunderland, *Thomas Street Girls'.*	98	98	—	5 10 5
Shields (South), *St. Mary's Girls'.*	130	110	—	7 7 11	Sunderland, Gray N.	237	93	4	1 18 7
Shields, *St. Stephen's Boys'.*	190	122	—	7 1 0	„ King Street Wes.	107	99	2	5 18 5
Shields (South), *St. Stephen's Girls'.*	197	157	2	5 15 9	Sunderland, Nicholson St. Wes.	89	84	5	3 8 11
Shields (South), Jarrow Chemical Works Boys'.	353	342	9	24 15 9	Sunderland, Norfolk Street, B.	546	366	10	15 10 1
Shields (South), Jarrow Chemical Works Girls'.	240	156	8	5 16 8	Sunderland, Robinson Street Wes.	112	90	2	5 16 5
Shields (South), Old Charity, N.	150	85	3	4 16 3	Tow Law, N. - -	85	51	1	3 14 7
Shields (South), St. Bede's R. C.	75	61	—	2 2 4	„ „ - -	89	84	1	6 9 4
Shields (South), Union B.	564	334	7	35 2 1	„ Wes. -	125	64	6	3 11 2
Shields (South), Wellesley Training Ship.	31	30	—	Nil.	Tudhoe, *Colliery* -	250	42	1	2 3 6
Shildon, N. - -	124	88	2	3 0 5	„ N. - -	65	45	1	1 17 10
„ (New) B. -	184	168	4	11 3 6	„ *Grange* -	90	82	4	3 9 3
„ (Old) B. Boys'.	250	175	6	10 8 4	„ *Grange Boys'.*	80	70	2	3 8 10
Shildon (Old) B. Girls'.	200	113	6	3 2 2	„ *Grange Girls'.*	99	83	2	1 18 11
Shincliffe, Colliery B.	90	54	1	3 17 2	*Tursdale* - - -	120	106	5	5 16 1
Shotley Grove -	47	41	—	4 3 9	*Usworth, Central* -	250	169	1	13 4 4
South Church, B. -	67	50	3	1 3 3	Washington, N. -	106	70	2	3 0 4
„ N. -	150	70	—	2 18 11	„ Wes. -	110	82	5	4 8 9
					Waterhouses, B. -				

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DURHAM—*cont.*				£ s. d.
Wearmouth Colliery N.	340	261	4	6 1 2
West Auckland, N.	160	107	2	3 1 3
Whickham, *Marley Hill.*	110	73	1	5 18 8
Whickham, *Swalwell.*	91	90	1	3 4 11
Whickham Par.	70	52	1	4 0 5
Willington, *Sunny Brow*	85	82		4 13 11
Winlaton, Victoria, Garesfield, B.	85	69	1	5 4
Williton, Victoria Garsefield, B.	60	52	1	5 0 7
Witton-le-Wear	101	78	1	6 19 1
Witton Park	190	182	—	4 4 1
Wolsingham, Wes.	131	101	3	6 7 3
" "	122	105	3	6 9 11
ESSEX.				
Baddow (Great), N.	100	41	—	2 15 10
Barking P.	54	34	—	2 16 2
" Wes.	80	76	4	3 6 8
Bocking	180	129	3	2 8 0
Braintree, *Manor St.*	140	88	7	4 18 8
Brentwood, *Industrial.*	86	70	—	2 19 11
Brentwood, N.	120	43	2	3 1 7
Brightlingsea, Chapel Road, Wes.	212	170	3	10 14 1
Brightlingsea, Station Road, N.	88	67	3	3 13 2
Castle Hedingham B.	75	68	3	3 5 0
Castle Hedingham C. E.	40	30	1	0 17 10
Chelmsford, Friar's Place, B.	68	56	4	8 15 4
Chelmsford, Victoria N.	141	117	—	7 2 5
Chigwell, *Buckhurst Hill.*	141	69	—	4 15 0
Clavering, B.	54	25	—	1 3 8
Colchester, Central, N.	200	142	4	9 18 8
Colchester, Culver Street, Wes.	364	327	1	8 4 9
Colchester, Magdalen Street, N.	70	60	—	2 19 0
Colchester, Priory Street, B.	300	110	5	7 3 1
Dedham, English	51	43	—	0 13 8
Dunmow, B.	67	43	4	3 10 11
Gosfield Village	61	53	1	0 15 0
Halstead, B.	47	29	—	2 5 6
" St. Andrew's, N.	65	35	—	Nil.
Harwich Corporation.	60	48	1	4 12 8
High Garrett, Bocking.	78	74	4	5 0 5
High Ongar, Ch. Ch.	42	36	2	0 15 9
ESSEX—*cont.*				£ s. d.
Leyton, Boys' N.	162	107	2	7 9 11
" Girls' N.	102	70	2	6 8 3
Loughton, B.	38	28	—	0 9 11
" N.	250	107	1	6 17 3
Low Leyton, *Church Rd.*	470	346	7	25 4 3
Low Leyton, *Harrow Green.*	400	340	—	24 14 4
Low Leyton, *Kirkdale Road.*	340	338	2	18 19 1
Maldon, N.	45	32	2	4 18 11
Manningtree, Oxford Rd., Wes.	69	60	4	6 10 11
Manningtree, Oxford Rd. Wes.	83	60	—	7 3 2
Manningtree, St. Michael's	60	45	2	4 5 2
Messing, C. E.	40	37	1	0 14 7
Mistley Norman N.	69	36	—	5 9 9
" "	80	48	—	4 11 10
Myland, St. Michaels	50	43	—	2 9 4
Newport	94	75	—	0 16 1
Plaistow, St. Andrews N.	97	70	7	5 10 4
Plaistow, St. Mary's N.	168	166	2	6 2 1
Plaistow Trinity	120	111	3	9 0 10
Romford, N.	250	148	1	8 18 10
Roxwell, N.	51	30	1	0 11 6
Roydon	54	28	—	0 18 2
Shenfield, C. E.	52	43	6	4 18 7
Stratford, Grove Crescent, R. C.	40	30	—	2 14 3
Thorington, C.E.	56	43	—	2 3 8
Tolleshunt, D'Arcy Par.	70	49	—	3 9 5
Victoria Docks, St. Luke's.	180	106	—	7 12 11
Waltham, *Holy Cross.*	145	123	5	3 14 3
Walthamstow, St. Saviour's N.	150	132	—	6 18 5
Wanstead, N.	100	72	1	4 13 7
" Orphan Asylum, Boys'.	218	176	—	6 14 3
Wanstead Orphan Asylum, Girls'.	164	160	4	4 9 11
West Ham, *Abbey Boys.'*	140	105	—	6 5 8
West Ham, *Canning Town.*	200	81	5	6 4 0
West Ham, *Clarkson St.*	160	160	—	7 12 2
West Ham, *Forest Gate, Odessa Rd.*	800	650	10	23 11 10
West Ham, *Hallsville, Boys'.*	112	97	2	6 12 3
West Ham, *Hallsville, Girls'.*	80	72	—	3 12 1
West Ham, *Hallsville, (South).*	404	275	3	3 11 7
West Ham, *Inst. Boys'.*	202	86	3	3 13 8

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				£ s. d.
ESSEX—*cont.*				
West Ham, *Plaistow, Balaam St., Boys'.*	250	182	3	16 16 11
West Ham, *Plaistow, Balaam St., Girls'.*	220	209	8	5 17 10
West Ham, *Stratford, B.*	250	154	—	20 18 1
West Ham, *Stratford, Channelsea.*	160	79	7	2 2 5
West Ham, *Stratford, High Street, Boys'.*	188	134	3	3 6 8
West Ham, *Stratford, High Street, Girls'.*	150	84	4	0 6 5
West Ham, *Stratford, Maryland Point,*	290	196	1	4 6 2
West Ham, Church Street Model,	260	241	4	29 5 8
Witham, N. - -	109	73	—	4 3 10
Woodford Bridge, St. Paul's.	40	36	1	2 8 8
Woodford Bridge, St. Paul's.	50	35	1	2 1 9
GLOUCESTERSHIRE.				
Almondsbury, N. -	103	41	2	5 1 11
Berkeley, C.E. - -	57	28	—	2 11 10
Blakeney, B. - -	60	52	1	4 1 6
„ N. - -	50	43	1	2 9 9
Bristol, *Barton Hill*	300	187	7	10 11 5
„ *Blackfriars*	140	97	—	4 9 8
„ *Clifton* -	176	122	2	7 14 10
„ *Merchant Street.*	190	150	3	12 5 4
Bristol, *Mina Road*	150	98	3	5 19 8
Bristol, Baptist Mills, Wes.	95	81	5	6 2 5
Bristol, Emmanuel, Ch.	252	103	5	2 11 0
Bristol, Hannah More.	230	156	1	16 6 1
Bristol, Highbury, Boys' B.	120	71	5	11 8 5
Bristol, Highbury, Girls' B.	80	49	—	4 14 0
Bristol, North St. Wes.	441	283	14	19 1 9
Bristol, Redcross Street, B.	444	349	6	44 13 0
Bristol, Russell Town, B.	200	179	—	11 18 9
Bristol, St. Augustine's, N.	91	64	4	6 6 2
Bristol, St. Barnabas, N.	95	85	3	7 1 10
Bristol, St. Gabriel's, C. E.	220	156	2	6 14 1
Bristol, St. James -	140	80	2	9 2 0
GLOUCESTERSHIRE—*cont.*				
Bristol, Redland St. John's.	90	52	2	4 16 9
Bristol, Barton Hill, St. Luke's,	140	107	—	4 7 5
Bristol, St. Michael's.	95	58	2	5 5 2
Bristol, St. Nicholas Par.	170	122	7	6 15 7
Bristol, St. Paul's, N.	140	107	2	11 0 7
Bristol, St. Simon's, N.	184	101	2	5 16 5
Cambridge (Stonehouse), Unsectarian.	42	30	—	0 13 7
Campden, N. - -	59	49	6	2 17 9
Chalford, N. - -	108	88	2	3 19 1
Cheltenham, Ch. Ch. N.	140	106	3	10 6 6
Cheltenham, Great Norwood St., Wes.	115	85	1	4 2 6
Cheltenham, Henrietta St., Boys' B.	230	205	2	12 13 10
Cheltenham, Henrietta St., Girls' N.	60	41	1	2 10 11
Cheltenham, Highbury, B.	170	102	1	6 12 1
Cheltenham, Par. Ch., Boys'.	340	162	3	19 11 1
Cheltenham, Par. Ch. Girls'.	120	85	6	3 2 0
Cheltenham, Practising.	215	105	3	8 11 3
Cheltenham, St. John's.	145	101	3	4 9 7
Cheltenham, St. Luke's, N.	95	72	1	6 1 5
Cheltenham, Trinity N.	140	115	6	10 6 6
Cirencester, *Lewis Lane.*	316	137	—	6 14 5
Cirencester, End. C. E.	439	129	—	4 18 8
Clearwell, N. - -	83	35	—	Nil.
Clifton, Certified Industrial.	148	148	—	5 14 4
Clifton, Clifton Wood, N.	340	180	5	9 0 9
Eastcombe, B. -	60	37	1	1 6 3
Eastington, N. -	98	58	1	2 5 9
Easton (Lower), St. Mark's, N.	100	68	—	2 15 2
Ebley, B. - -	80	54	2	6 8 3
Fishponds, N. - -	140	119	2	6 3 9
„ „ - -	136	116	2	6 13 1
Frampton Cotterell, B.	83	77	1	3 6 0
Gloucester, London Road N.	150	141	3	16 15 4
Gloucester, Northgate Street Wes.	160	97	3	4 11 10

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				£ s. d.
GLOUCESTERSHIRE—*cont.*				
Gloucester, St. James' N.	115	81	2	2 18 2
Gloucester, St. Luke's N.	220	132	1	13 18 1
Gloucester, St. Nicholas'.	85	44	3	0 18 9
Gloucester, Sir Thomas Rich's Hospital.	40	38	2	13 14 6
Gloucester, Wellington Street, B.	200	88	2	5 16 11
Hanham, N. - -	108	68	4	3 13 1
„ Wes. -	180	93	5	7 10 6
Hartpury, N. - -	121	56	1	4 0 11
Henbury End. -	60	45	—	4 7 8
Horfield, B. - -	140	94	—	12 4 11
„ - -	112	100	2	7 16 4
Kingsdown, Wes. -	204	134	3	10 16 5
King Stanley, Blakeford, B.	60	46	3	3 5 7
King Stanley, St. George's N.	60	40	—	0 9 1
Kingswood Hill, B. -	150	89	—	3 8 7
„ Wes. -	200	125	4	8 6 7
Minchin Hampton, Parl. Boys'.	122	43	4	4 2 3
Minchin Hampton, Parl., Girls'.	45	26	1	2 12 8
Moreton-in-Marsh, B.	45	44	1	3 0 1
Newnham, N. - -	145	70	3	5 9 0
„ - -	104	61	—	4 2 7
Pilning - - -	84	63	1	5 10 8
Ryecroft, Wes. -	140	73	5	5 2 7
St. George, *Summerhill.*	150	103	3	2 4 10
St. George, *Whitehall.*	520	179	6	2 12 2
Selsley, C.E. - -	23	22	1	0 10 6
Stanley, St. Leonards' N.	42	35	1	2 3 0
Stonehouse, N. -	120	73	—	1 17 9
Stroud, *Badbrooke* -	135	75	—	5 6 7
„ *Church St.*	120	74	—	5 1 1
„ Chalford B.	180	138	1	3 18 7
„ *Thrupp* -	130	89	1	3 16 8
Two Mile Hill, St. Michael's.	112	79	—	2 2 4
Viney Hill, N. -	31	26	—	0 6 5
Walmore Hill, Wes.	31	27	2	0 16 9
„ „	29	21	4	3 3 3
Winterbourn, N. -	60	35	—	1 19 9
Wotton-under-Edge, B.	100	64	2	5 11 2
HAMPSHIRE.				
Abbott's Ann Par. -	78	59	3	4 4 11
„ „ -	74	48	3	4 9 9
Aldershot, *East End*	161	60	2	2 18 9
„ *West End*	115	95	3	6 10 5
Alton, B. - - -	77	58	5	4 9 11
„ N. - - -	106	69	4	5 11 10
HAMPSHIRE—*cont.*				
Andover, East St., N.	96	57	—	2 7 9
Andover, East St., N.	72	54	2	3 5 5
Andover, New St., B.	105	76	1	3 18 6
Andover, New St. B.	120	81	2	4 17 3
Basing, N. - -	53	53	—	0 11 3
Basingstoke, Cross Street N.	140	95	1	2 16 5
Basingstoke, Sarum Hill B.	200	87	3	5 12 11
Bitterne, C. E. -	96	66	—	5 12 2
Boscombe, B. - -	80	67	1	3 12 11
Bournemouth, B. -	120	55	1	8 3 1
Bursledon, N. -	31	25	—	2 10 4
Cosham, *Waterloo* -	100	40	—	2 13 5
„ „ -	100	25	—	1 9 9
Cove Hawley - -	70	49	2	2 10 4
Cowes (East), N. -	65	47	1	5 10 8
„ (West), N. -	120	93	3	12 0 3
„ „ Cross Street, N.	108	85	3	8 16 6
Fordingbridge, B. -	44	39	2	3 8 8
Forton, N. - -	107	78	4	3 11 7
Freemantle, C.E. -	359	295	9	15 0 6
Freshwater, N. -	134	97	4	4 18 8
Gosport, North St. Wes.	120	70	2	3 1 0
Gosport, St. Matthews' N.	150	75	1	7 17 9
Havant, N. - -	111	59	1	5 3 6
Hawley, C.E. - -	102	58	—	3 5 10
Hound, *Scholing* -	90	48	1	4 11 11
Lymington, N. -	155	133	2	12 13 2
Monk Sherborne, C. E.	32	30	2	0 10 3
Newport, (*Isle of Wight*).	84	54	9	6 0 9
Newport, (Isle of Wight), N.	312	160	—	13 15 3
Northam, N. - -	110	80	—	5 1 8
Otterbourne, N. -	50	34	1	0 4 1
Portsea, Beneficial Soc.	199	111	—	4 3
Portsea, St. John's	143	117	—	5 13 4
Portsmouth, *Buckland Road.*	200	113	—	6 13 10
Portsmouth, *Arundel Street.*	200	141	—	4 6 4
Portsmouth, *Gunwharf Road.*	156	107	—	4 16 5
Portsmouth, *Milton*	70	40	6	6 0 11
„ *Landport, Church St.*	641	224	7	8 1 0
Portsmouth, *Landport, Conway St.*	130	78	—	4 13 11
Portsmouth, *Fratton*	105	89	1	5 19 4
Portsmouth, *Swan Street.*	200	152	3	3 18 11
Portsmouth, *Kent Street*	98	57	—	3 7 9

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				£ s. d.
HAMPSHIRE—*cont.*				
Portsmouth, *Stamshaw.*	310	214	9	15 9 1
Portsmouth, *Southsea, Albert Road.*	105	49	—	3 17 4
Portsmouth, *Southsea, Cottage Grove.*	160	140	—	12 8 3
Ringwood, B. - -	70	56	1	2 11 9
Ryde, *Bettesworth Road.*	110	50	—	4 14 11
Ryde, *St. John's Road.*	80	59	2	5 3 4
„ St. John's -	65	53	1	4 16 11
„ Trinity, N. -	89	57	2	2 15 0
Sandown, N. - -	112	77	1	5 3 9
Southampton, *Bevois Town.*	400	247	11	21 5 5
Southampton, *Eastern District.*	313	155	10	8 13 5
Southampton, *Royal B.*	220	135	3	7 11 3
Southampton, *Southern District.*	300	197	6	13 2 6
Southampton, East Street Wes.	37	32	—	2 7 3
Southampton, St. Luke's.	230	84	5	7 2 1
Southampton, St. Luke's.	230	76	2	5 3 6
Southampton, St. Mary's Boys'.	168	98	2	7 17 7
Southampton, St. Mary's, Boys',	171	88	3	4 16 5
Southampton, St. Mary's Girls'.	72	36	5	1 5 7
Southampton, St. Paul's.	103	56	2	5 13 2
Southampton, Trinity N.	320	102	5	7 14 1
Southampton, Trinity N.	275	151	1	11 14 6
Southsea, St. Jude's	124	102	—	6 11 5
Stoneham (So.), Highfield.	60	32	—	0 11 3
Totton, B. - -	66	47	—	2 17 10
Ventnor, High St. Wes.	67	36	1	2 9 10
Winchester, Central	163	58	1	3 13 1
Winchester, Jewry Street, B.	100	62	—	4 8 11
Winchester, St. Bartholomew's, N.	124	66	1	4 16 10
Winchester, St. John's N.	53	47	3	2 13 0
Winchester, St. Michael's, N.	120	90	2	5 13 4
Winchester, St. Peter St. Wes.	65	56	—	2 18 1
Woolston, Boys' -	217	139	7	12 9 10
Wootton Bridge, N.	60	51	2	6 11 8
HEREFORDSHIRE.				
Bridstow, End. -	65	52	—	0 16 1
Bromyard - -	60	42	—	3 1 0
HEREFORDSHIRE—*cont.*				
Hereford, Blue Coat	131	94	1	2 5 7
„ St. Peter's, C. E.	61	58	—	3 15 11
Hereford, Scudamore, End. Boys'.	250	210	4	11 16 3
Ledbury, C. E. -	50	38	4	2 6 9
HERTFORDSHIRE.				
Abbot's Langley, Par.	120	62	4	8 15 9
Baldock, B. - -	86	61	2	4 11 7
„ C. E. -	42	39	2	3 18 4
Barnet (East), Farm Home Boys'.	80	57	—	5 9 5
Barnet (New), Par.	123	105	3	0 14 2
Bengeo, C. E., Boys'	110	88	1	3 16 5
Berkhampstead -	128	112	2	5 9 3
„ N.	105	65	6	5 2 2
Boxmoor, C. E. -	60	32	2	3 8 4
Bushey (New) Girls'.	30	24	—	—*
Cheshunt, B. - -	160	121	2	7 6 10
Hemel Hempstead, *Two Waters.*	90	26	2	2 2 11
Hemel Hempstead, George Street N.	76	64	1	4 9 4
Hertford, Cowbridge, B.	65	45	1	1 17 10
Hertford, Cowper Test.	96	59	—	2 17 3
Hitchin, B. - -	216	132	—	7 2 2
„ St. Mary's	160	80	—	4 9 7
„ St. Saviour's.	80	45	—	0 15 7
Hockerill, Boys'.	83	46	3	3 19 10
Hoddesdon, N. -	107	53	—	2 17 1
St. Alban's, *Hatfield Road.*	44	44	—	0 10 4
St. Alban's, *Spencer Street.*	50	30	—	2 0 9
Standon - - -	65	43	1	4 2 3
Stevenage, N. - -	300	91	5	4 12 5
Watford, B. - -	256	81	2	8 8 4
Watford, London Orphan Asylum.	363	282	—	29 19 9
Watford, St. Andrew's.	100	57	2	5 16 10
Westfield, C. E. -	70	54	3	5 13 7
HUNTINGDONSHIRE.				
Earith, B. -	70	43	1	5 7 9
Godmanchester, Grammar.	61	42	2	4 12 4
Godmanchester, Grammar.	80	43	1	2 16 2
Houghton, B. - -	50	40	2	3 7 3
„ - -	50	30	2	1 18 6
Huntingdon, B. -	86	47	2	3 18 8
„ -	90	63	—	3 0 7
„ N. -	92	41	2	3 2 10
„ -	60	38	2	4 1 3

* Grant lapsed.

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
HUNTINGDONSHIRE —*cont.*				£ *s.* *d.*
Huntingdon, Walden's.	68	55	—	4 17 4
Huntingdon, Walden's.	60	57	1	5 3 11
St. Ives, Boys' B.	118	89	1	5 5 6
„ Girls' B.	40	31	—	1 19 1
St. Neots, Free	110	64	—	3 1 10
„ Wes. Day	108	49	3	4 1 3
Woodhurst	36	16	—	1 2 11
KENT.				
Ashford	109	86	3	4 4 6
„ B.	125	108	—	11 16 9
„ S. E. Railway.	205	170	7	15 5 9
Bearsted N.	66	64	1	2 16 7
Beckenham, *Alexandra Dist.*	300	197	4	13 9 5
Beckenham, *Bromley Road.*	406	230	3	17 1 2
Benenden, N.	96	69	3	5 2 9
Bexley, N.	95	60	2	3 16 9
Bexley Heath, N.	136	120	—	7 12 9
Birchington, C. E.	115	76*	2	6 18 8
Blackheath, St. John's.	54	34	—	*—
Bromley, N.	120	76	2	4 15 2
Brompton (New), Arden Street Wes.	506	256	10	24 19 11
Brompton, St. Mark's C. E.	357	232	4	17 5 11
Brompton, Holy Trinity N.	140	67	2	4 1 7
Brompton, Holy Trinity N.	150	85	—	3 19 8
Buckland, N.	80	70	1	3 16 7
Canterbury, *St. John's.*	70	45	1	3 8 9
Canterbury, St. Dunstan's N.	55	39	1	2 8 7
Canterbury, St. Dunstan's, Boys' N.	52	23	1	2 1 11
Charlton (Dover), Boys' N.	101	93	2	4 3 5
Charlton, N. Boys'	175	163	2	6 12 6
Charlton N. Girls'	96	77	2	4 7 9
Chatham, New Rd. B.	120	56	—	2 6 7
Chatham, St. John's	210	175	1	12 18 1
„ „	310	174	4	9 19 6
Chislehurst, Wes.	73	48	1	2 2 3
Cliffe-at-Hoo, N.	150	85	—	3 8 1
Crayford, N.	157	126	1	6 19 0
Crocken Hill B.	40	24	1	1 2 4
Dartford, Wes. Boys'	205	171	1	13 4 3
„ Waterside, Wes. Girls'.	103	93	3	2 2 1
Deal, Central	75	50	1	3 13 1
„ „	100	75	1	3 16 5
„ Wes.	138	62	3	4 10 5
„ „	130	59	6	5 2 10
Deptford, Addey's End.	127	103	5	4 14 5
KENT—*cont.*				£ *s.* *d.*
Deptford, St. John's Road N.	150	102	1	7 11 9
Deptford, St. Nicholas N.	35	26	1	2 6 3
Dover, Ch. Ch. N.	37	33	—	2 12 7
„ Finnis Hill B.	63	60	1	4 8 4
Dover, Queen St. N.	250	116	7	22 18 0
„ Holy Trinity	100	94	—	4 3 0
Farnborough	72	61	2	5 9 11
Farningham, Home for little Boys.	220	143	1	13 0 4
Faversham, District N.	140	80	12	7 19 5
Faversham, Wes.	284	159	3	5 2 1
Folkestone, Ch. Ch.	81	73	1	3 7 11
„ Wes.	286	87	5	6 4 8
„ Boys' B.	120	79	2	3 9 3
Goudhurst, C. E.	60	34	—	2 15 6
Gravesend B.	200	181	4	19 2 2
Greenwich Division of London School Board:—				
Blackheath Road Boys'.	286	185	3	18 5 5
Blackheath Road Girls'.	210	148	4	6 15 6
Bloomfield Road Boys'.	276	258	—	18 11 10
Bloomfield Road Girls'.	285	228	4	13 0 7
Brockley, Malpas Road.	57	53	—	2 4 8
Bromley Rd., Lee	123	75	2	4 4 5
Burrage Grove, Plumstead, Boys'.	250	232	1	11 5 5
Burrage Grove, Plumstead Girls'.	270	216	2	7 19 4
Calvert Road Boys'.	206	194	—	10 8 8
Calvert Road Girls'.	134	125	—	9 9 4
Church Terrace, Plumstead,	268	262	1	14 15 11
Clifton Road, New Cross Boys'.	310	260	2	22 7 5
Clifton Road, New Cross Girls'.	300	187	12	7 0 10
Cold Blow Lane, Hatcham.	120	90	—	3 10 4
Creed Place, Greenwich, Boys'.	180	144	—	8 9 9
Creed Place, Greenwich, Girls'.	249	123	—	6 14 7
Creek Rd., Deptford Boys'	200	178	3	16 2 10

* Grant lapsed.

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children	Pupil-teachers and paid Monitors.	
KENT—*cont.*				£ s. d.
Greenwich Division of London School Board—cont.				
Creek Rd., Deptford Girls'.	175	111	2	4 17 3
Duke St., Deptford Boys'	308	200	1	9 12 2
Duke St., Deptford Girls'.	220	176	—	8 11 8
Edward Street, Deptford Boys'.	530	161	—	5 3 8
Edward Street, Deptford Girls'.	200	126	1	8 0 5
Goodson Road, Rotherhithe.	254	82	1	5 4 5
Goodson Rd., Rotherhithe, Girls'.	55	50	2	2 6 5
Grove Rd., Forest Hill Boys'.	250	177	—	14 7 7
Grove Rd., Forest Hill Girls'.	130	88	—	4 7 2
Hatcham Park -	212	161	—	9 5 3
High Road, New Eltham, Pope Street.	90	72	—	5 3 3
High Street, Woolwich.	149	75	—	5 9 1
Hughes' Fields, Deptford Boys'.	270	74	—	7 5 5
Hughes' Fields, Deptford Girls'.	200	128	—	6 0 2
Kender Street, Hatcham Boys'.	353	286	2	14 12 11
Kender Street, Hatcham Girls'.	300	199	9	6 2 7
Lewisham Bridge Boys'.	200	180	3	6 8 3
Lewisham Bridge Girls'.	248	62	—	3 9 10
Melvin Road, Penge.	190	134	—	4 5 2
Morden Terrace, Lewisham, Boys'.	212	143	1	9 11 10
Morden Terrace, Lewisham, Girls'.	131	100	6	3 17 0
Old Woolwich Road.	91	90	1	5 0 2
Plumstead Road, Boys'	260	146	—	8 8 0
Plumstead Road, Girls'.	270	130	—	3 13 4
Powis St., Woolwich Boys'.	200	196	1	19 13 7
Powis St., Woolwich Girls'.	254	143	—	6 17 7
Queen St., Woolwich.	240	153	3	12 10 1
Randall Place, Boys'.	168	110	—	6 17 11
Randall Place, Girls'.	180	94	1	4 12 6
KENT—*cont.*				£ s. d.
Greenwich Division of London School Board—cont.				
Regent St., Deptford, Boys'.	320	138	7	6 9 2
Regent St., Deptford Girls'.	240	81	—	2 5 5
Slade, Plumstead Common Girls'.	46	46	—	2 2 8
Slade, Plumstead Common Boys'.	63	62	—	2 19 3
Stanley St., Deptford, Boys'.	270	222	—	20 13 6
Stanley St., Deptford, Girls'.	176	116	1	5 13 10
Sydenham Hill, Boys'.	240	125	—	8 1 0
Sydenham Hill, Girls'.	251	112	—	7 11 6
Tanner's Hill, Deptford, Boys'.	160	126	—	10 2 6
Tanner's Hill, Deptford, Girls'.	140	111	—	4 2 0
Upper Earl Street, Plumstead, Boys'.	212	174	1	12 16 7
Upper Earl Street, Plumstead Girls'.	230	197	—	8 17 4
Vicarage Road, Plumstead.	254	203	2	12 12 10
Vicarage Road, Plumstead, Girls'.	212	204	—	6 7 11
Greenwich Hospital	122	98	15	0 15 7
" St. Peter's.	150	97	4	10 7 2
Greenwich, Holy Trinity, N.	180	147	3	9 7 10
Greenwich Ch. Ch. N., Boys'.	90	58	—	2 18 3
Halling - - -	103	90	—	3 5 8
Hawkhurst - -	34	27	—	2 14 5
Hayes, C.E. - -	66	50	1	0 4 11
Herne, N. - -	55	47	—	2 3 6
" - -	50	40	—	0 17 9
Hollingbourne -	64	38	1	2 9 0
" -	60	21	—	0 12 10
Horton Kirby, N. -	64	45	—	2 2 6
Ightham - - -	100	77	3	1 19 6
Lee - - - -	170	112	1	11 1 11
Leigh, N. - - -	124	94	1	2 12 7
Lewisham, St. Mary's N.	114	56	—	4 15 3
Lewisham, St. Stephen's N.	180	98	1	13 15 5
Luton (Chatham), Boys'.	245	115	2	6 8 1
Luton (Chatham), Girls'.	185	95	4	2 19 11
Maidstone, All Saints'.	158	116	—	7 0 4

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
KENT—*cont.*				£ s. d.
Maidstone, Wes. -	80	47	2	5 13 1
Maidstone, Brewer Street Wes.	90	39	1	2 9 5
Maidstone, St. Paul's,	200	123	1	9 9 6
Maidstone, St. Paul's.	230	140	—	7 10 7
Maidstone, St. Peter's.	120	90	3	7 15 4
Maidstone, Trinity -	70	64	2	5 8 7
" " -	61	60	1	2 14 5
Maidstone - -	53	47	—	3 13 8
Margate Deaf and Dumb Asylum.	216	159	3	5 15 7
Margate, Trinity N.	101	92	1	10 2 3
Minster. *Mile Town*	155	138	4	1 3 0
" *Village* -	115	83	5	4 4 10
Orlestone, *Ham St.*-	50	45	2	2 15 5
" *Warehorne.*	61	55	2	2 18 0
Ramsgate, Ch. Ch. -	200	104	2	6 9 9
" St. George's Boys'.	129	90	3	13 17 9
Ramsgate, St. George's Girls'.	90	62	4	6 17 11
Rochester, *Strood Boys'.*	150	106	—	2 14 2
Rochester, *Strood Girls'.*	90	69	—	0 8 5
Rochester, *Troy Town Boys'.*	290	153	5	12 19 1
Rochester, *Troy Town Boys'.*	230	169	5	8 11 5
Rochester, *Troy Town Girls'.*	240	130	6	11 0 1
Rochester, *Troy Town Girls'.*	220	154	4	4 1 10
Rochester, St. Margaret's.	225	142	6	7 9 7
Rochester, St. Margaret's.	212	122	8	5 17 10
Rochester, St. Nicholas'.	134	107	5	12 0 0
Rochester, St. Nicholas'.	145	112	3	3 14 5
Sandwich - -	61	60	—	5 7 3
St. Mary Cray N. -	190	146	3	8 14 2
Sheerness, Broadway Wes.	161	143	3	8 16 11
Sheerness, Trinity N., Boys.	240	159	2	2 16 7
Sheerness, Trinity N., Girls'.	45	35	5	2 13 2
Shooter's Hill, All Saints'.	250	172	4	15 17 1
Sittingbourne, East Street Wes.	150	143	2	6 19 1
Sittingbourne, Trinity, N.	61	61	—	4 7 6
Snodland, B. - -	52	31	2	2 11 3
" N. - -	80	59	1	3 13 3
Southborough, N. -	141	60	—	3 8 10
" " -	139	86	4	5 6 0
Southborough, Wes.	103	50	—	1 11 1
" "	64	47	—	—*
Staplehurst - " -	80	61	2	5 6 8
Stone, Boys' - -	51	36	1	0 18 0
Stroud, St. Mary's N.	116	94	4	0 17 8
Sydenham (Lower), St. Michael's, Bell Green Boys'.	160	131	—	7 12 9
Sydenham (Lower), St. Michael's, Bell Green Girls'.	70	49	—	3 4 7
Sydenham (Lower), Holy Trinity.	94	63	1	7 1 9
Sydenham (Upper), Kirkdale N.	140	115	2	11 19 7
Tonbridge, St. Stephen's, N.	360	287	—	6 14 7
Tunbridge Wells, Chapel of Ease.	129	119	—	6 4 0
Tunbridge Wells, Chapel of Ease.	154	142	1	9 18 8
Tunbridge Wells, Grosvenor United.	100	65	—	5 19 11
Tunbridge Wells, Grosvenor United.	80	62	—	3 19 8
Tunbridge Wells, St. John's, N.	90	40	—	2 0 4
Tunbridge Wells, St. John's, N.	86	46	—	2 14 1
Tunbridge Wells, St. Peters, C.E.	77	63	2	4 0 2
Tunbridge Wells, St. Peter's C.E.	97	66	2	5 4 6
Tunbridge Wells, Victoria Boys'.	140	111	—	5 5 8
Tunbridge Wells, Victoria Boys'.	120	99	—	5 14 4
Tunbridge Wells, Vale Royal Wes.	85	44	1	3 13 9
Tunbridge Wells, Vale Royal Wes.	51	38	1	2 16 6
Ulcombe, Ch. - -	33	28	1	2 4 6
Wateringbury N. -	67	38	2	3 9 1
Whitstable Trust, Boys'.	47	46	1	3 16 4
Whitstable Trust, Boys'.	74	64	—	4 14 10
Woolwich, New Rd. Pres.	92	74	—	7 15 7
" St. John's N.	130	78	9	4 5 0
Woolwich, St. Mary's N.	115	79	5	7 4 10
Woolwich, St. Mary's N.	110	72	4	4 7 5
Woolwich, St. Michael's Boys'.	150	145	2	7 18 3
Woolwich, St. Michael's Boys'.	243	148	3	18 17 0
Woolwich, St. Michael's Girls'.	80	57	—	3 3 10

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Instruction in Drawing in Elementary Day Schools—*continued.*

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KENT—*cont.*				
Woolwich, St. Michael's Girls'.	136	71	—	3 6 5
Woolwich, St. Thomas' Par.	260	155	7	7 13 9
LANCASHIRE.				
Accrington, Abbey Street Wes.	70	50	—	2 13 8
Accrington, Ch. Ch. N.	100	84	2	4 15 10
Accrington, St. James' N.	148	116	8	5 8 6
Accrington, St. John's N.	150	45	—	4 0 1
Accrington, St. Mary's C. E.	70	53	—	0 7 11
Accrington, St. Oswald's R.C.	130	84	3	4 11 3
Accrington, St. Peter's N.	200	170	3	9 11 3
Accrington, Union Street Wes.	150	127	—	7 5 1
Accrington, Willow Street B.	66	57	4	5 10 10
Accrington, Woodnook Bapt.	168	160	7	6 13 7
Adlington Cong. -	95	78	—	4 1 0
" N. - -	275	235	8	14 11 5
Aigburth N. - -	190	144	6	8 12 8
Ainsworth B. - -	57	52	1	5 0 7
Aintree - - -	50	44	—	0 11 8
Antley, Wes. -	200	141	7	8 18 11
Ardwick Green, Manchester Indl.	90	90	—	2 18 6
Ardwick, St. Matthew's Middle Class.	180	102	—	6 10 5
Ardwick, St. Thomas' N.	200	158	1	5 1 3
Arkholme, N. -	50	50	—	2 16 0
Ashton-in-Makerfield, St. Peter's.	60	46	—	3 6 4
Ashton-under-Lyne, Albion Street.	500	409	—	21 17 10
Ashton-under-Lyne, Albion Street.	360	305	—	17 11 0
Ashton-under-Lyne, Ch. Ch.	192	132	—	7 1 10
Ashton-under-Lyne Par. Ch.	290	206	6	13 17 0
Ashton-under-Lyne, St. James' N.	120	44	4	3 12 1
Ashton-under-Lyne, Trafalgar Square.	229	172	6	11 7 11
Audenshaw, B. -	56	37	2	3 5 4
" " -	39	34	3	4 8 4
Bacup, Britannia Wes.	130	65	3	3 6 5
Bacup, Ch. Ch. -	70	60	1	3 17 0
Bacup, Doals B. -	52	45	1	3 2 8
" Mechanics' Institute.	73	64	2	6 13 6
Bacup, Mount Pleasant Wes.	200	165	10	6 17 8
Bacup, Wesley Place, Wes.	180	127	2	5 6 1
Bagslate, Wes. -	101	90	4	3 19 11
Balderstone, St. Mary's.	100	95	—	4 17 1
Bamford, St. Michael's.	186	140	3	5 10 4
Bamford, St. Michael's.	145	111	4	2 10 6
Banks, St. Stephens N.	50	32	1	2 8 1
Barrowfield, *Brow-bottom.*	70	61	1	3 12 0
Barrowfield, *Church Street.*	90	73	—	0 13 4
Barrrowfield, St. Thomas'	200	153	—	7 2 0
Barrow-in-Furness, *Cambridge Street.*	128	69	—	4 12 7
Barrow-in-Furness, *Cambridge Street.*	91	72	1	5 14 0
Barrow-in-Furness, *Clive Street.*	110	90	—	3 19 1
Barrow-in-Furness, *Clive Street.*	120	94	—	3 15 10
Barrow-in-Furness, *Hawcoat.*	84	64	2	2 0 3
Barrow-in-Furness, *Hawcoat.*	58	52	2	0 11 7
Barrow-in-Furness, *Higher Grade Boys'.*	85	84	—	6 1 3
Barrow-in-Furness, *Higher Grade Boys'*	90	66	—	4 3 9
Barrow-in-Furness, *Higher Grade Girls'.*	77	77	—	6 2 5
Barrow-in-Furness, *Higher Grade Girls'.*	65	56	—	4 4 10
Barrow-in-Furness, *Holker Street Boys'.*	290	206	8	8 14 11
Barrow-in-Furness, *Holker Street Boys'.*	260	145	2	3 19 11
Barrow-in-Furness, *Holker Street Girls'.*	200	184	1	5 8 1
Barrow-in-Furness, *Holker Street Girls'.*	185	141	—	2 7 8
Barrow-in-Furness, *Island Road.*	216	130	4	5 7 3
Barrow-in-Furness, *Island Road.*	240	84	1	4 8 3
Barrow-in-Furness, *Rawlinson Street Boys'.*	303	302	1	22 15 11

Instruction in Drawing in Elementary Day Schools—*continued.*

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LANCASHIRE—*cont.*				£ *s.* *d.*
Barrow-in-Furness, *Rawlinson Street Boys'*,	300	250	1	8 17 10
Barrow-in-Furness, *Rawlinson Street Girls'*.	186	185	1	5 12 9
Barrow-in-Furness, *Rawlinson Street Girls'*.	150	149	1	2 18 3
Barrow-in-Furness, *Rawlinson Street, Junior.*	55	50	4	Nil.
Barrow-in-Furness, *Rawlinson Street Junior.*	54	47	4	0 4 5
Barrow-in-Furness, *Walney.*	25	24	1	2 7 1
Barrow-in-Furness, *Walney.*	21	18	1	0 4 9
Barrow-in-Furness, St. Georges' N.	70	41	—	2 0 10
Barrow-in-Furness, St. James' N.	250	203	6	9 3 9
Barrow-in-Furness, St. James' N.	250	156	7	10 15 4
Barrow-in-Furness, Wes.	345	238	4	17 17 6
Baxenden, Wes. -	70	65	2	3 19 8
Bedford-in-Leigh, C. E. Boys'.	140	70	2	3 16 1
Bedford-in-Leigh, C.E. Girls'.	98	66	1	4 3 8
Birch-in-Rusholme, N.	90	70	2	2 10 7
Blackburn, Audley Range Cong.	209	140	2	2 14 8
Blackburn, Barton Street.	162	113	2	4 13 0
Blackburn, Chapel Street B.	162	96	3	2 11 5
Blackburn, Darwen Street Par.	70	57	—	0 16 10
Blackburn, Mill Hill Indep.	120	88	1	4 0 6
Blackburn, Park Rd. Cong.	180	121	—	5 10 9
Blackburn, St. Andrew's C. E.	194	193	1	5 12 5
Blackburn, St. John's N.	214	171	4	7 12 3
Blackburn, St. Luke's.	253	233	4	7 13 9
Blackburn, St. Paul's.	220	155	3	5 11 11
Blackburn, St. Peter's Street Wes.	100	65	—	0 17 6
Blackley, St. Peter's	80	73	—	2 6 5
„ Wes. -	65	38	—	2 4 11
Blackpool, Wes. -	127	82	3	4 15 8
Blackpool, St. John's N.	70	62	5	6 19 5
Blackrod, N. - -	120	101	2	5 2 10
LANCASHIRE—*cont.*				£ *s.* *d.*
Blackrod, Scot Lane End.	106	66	2	3 10 10
Blaguegate, Wes -	119	97	5	7 2 5
Blundell, Sands Ch.	37	28	1	2 0 3
Bolton, *All Saints' Street.*	240	215	—	10 18 8
Bolton, *All Saints' Street.*	303	228	—	6 0 8
Bolton, *Commission Street.*	90	65	—	4 8 1
Bolton, *Fletcher St.*	300	198	4	7 0 5
„ *Haulgh* -	231	134	4	10 13 9
„ *Mawdsley Street.*	180	126	—	4 16 4
Bolton, *Noble Street*	246	205	4	8 6 7
„ „	400	200	—	6 11 8
„ *Pike's Lane*	400	239	2	15 1 8
„ *Pike's Lane*	430	300	9	18 4 0
„ All Saints'	191	162	2	5 0 11
Bolton, All Souls Boys'.	165	117	2	11 18 11
„ All Souls, Girls'.	80	66	—	4 15 4
Bolton, Bridge Street Wes.	132	79	2	5 12 9
Bolton, Bridge Street Wes.	130	72	—	2 8 3
Bolton, Ch. Ch. N. -	150	118	—	5 1 3
Bolton, Emmanuel N.	285	278	1	12 11 5
Bolton, Halliwell Rd. Wes.	667	353	5	13 2 6
Bolton, Hulton's -	230	148	—	5 1 9
„ „ -	215	124	—	8 6 9
Bolton Lostock Junction Indus.	150	143	—	11 17 0
Bolton, St. Bartholomew's.	160	113	3	3 17 9
Bolton St. Edmund's R.C.	140	95	1	5 10 1
Bolton, St. Mark's N.	220	187	—*	10 8 10
Bolton, St. Matthew's.	256	192	5	6 10 2
Bolton, St. Matthew's.	161	161	—	8 7 1
Bolton, Trinity, N. -	350	184	4	6 11 3
„ Victoria Wes.	200	168	—	3 13 2
Bolton, Victoria Wes.	205	108	—	3 14 6
Bootle N. - -	269	237	9	9 11 6
„ St. John's N.	320	210	16	11 1 0
„ St. Mary's -	318	230	6	8 10 11
Bradford, *Grange Street.*	197	120	16	—*
Bradford, *Grange Street.*	130	72	—	2 11 9
Bradford, *Queen St.*	110	102	—	—†
„ „	106	89	6	5 8 0
„ Ch. Ch. -	80	37	1	2 11 10
Brindle Heath, N. -	180	91	—	5 13 3
Broughton (Lower) Wes.	358	178	—	13 18 8

* Grant lapsed. † Examination cancelled.

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
LANCASHIRE—*cont.*				
Burnage, St. Margaret's N.	44	42	—	2 14 5
Burnley, Accrington Rd. Wes.	410	226	5	10 12 1
Burnley, Brunswick United Meth. Free Ch.	200	139	—	3 12 7
Burnley, Ebenezer Baptist.	250	200	3	6 5 11
Burnley, Fulledge Wes.	620	467	—	45 19 10
Burnley, Red Lion Street Wes.	600	304	2	22 0 0
Bury, Bank Street B.	198	158	—	6 18 5
„ Central N. -	190	91	2	4 1 5
„ „ -	180	127	3	4 7 4
„ Clerke Street Wes.	250	121	1	7 14 5
Bury, Clerke Street Wes.	150	140	2	4 9 9
Bury, Holy Trinity N.	200	120	1	5 1 0
Bury, Holy Trin. N.	200	99	—	2 8 5
Bury, New Road B.	70	60	—	3 4 4
„ North Street United Meth. Free Ch.	150	93	3	5 3 6
Bury, North Street United Meth. Free Ch.	150	85	4	2 11 4
Bury, St. John's -	170	107	2	6 9 4
„ St. Mark's C. E.	130	40	2	3 13 6
Bury, St. Paul's C. E.	137	86	—	2 8 5
Bury, St. Peter's C. E.	160	120	2	8 0 11
Bury, St. Peter's C. E.	100	84	2	3 13 10
Bury, St. Thomas' -	164	97	8	4 8 11
Cadishead, Wes. -	80	53	3	3 1 7
Calder Vale, St. John's.	53	33	2	2 3 5
Carnforth, C. E. -	160	92	4	8 18 11
„ „ -	126	88	4	7 3 7
Cartmel, N. - -	46	37	1	2 18 11
Castleton, Cong. -	55	36	—	0 9 7
„ Wes. -	29	20	—	1 10 4
„ „ -	43	40	2	2 1 8
Caton, N. - -	150	72	2	6 5 2
Chadderton, St. Luke's, C. E.	240	87	1	2 17 5
Chadderton, Stockbrook B.	350	132	—	4 7 4
Charlestown, B. -	130	114	—	4 11 11
Cherry Tree (Blackburn).	70	50	—	2 5 7
Chesham, B. -	120	60	2	2 12 3
Chorlton-cum-Hardy, N.	80	47	—	4 15 11
Chorlton-on-Medlock, St. Stephen's C. E.	150	134	1	7 6 9
Chorlton-on-Medlock, Grosvenor St. Wes.	156	140	5	11 8 0
Charlton-on-Medlock, Grosvenor St. Wes.	170	114	4	4 11 1
Claughton (Garstang), R. C.	25	23	—	1 2 0
Clayton-le-Moors, Oakenshaw, Wes.	231	117	6	6 2 9
Clitheroe, Wes. -	110	50	3	2 12 2
Cockerham, N. -	102	98	2	10 1 6
Collyhurst, St. James'.	200	87	1	7 14 8
Collyhurst, St. James'.	200	81	—	3 19 4
Collyhurst, St. Oswald's N.	160	121	2	6 18 5
Collyhurst, Wes. -	140	118	3	8 3 6
„ „ -	130	118	—	2 14 8
Colne, Wes. - -	368	221	5	11 17 4
„ Winewall -	54	51	—	3 14 8
Cornholme, B. -	40	40	—	2 14 3
Coppull, N. - -	120	74	—	4 9 8
Cowhill Wes. (Oldham).	200	135	5	7 17 10
Crossens, St. John's N.	125	43	2	2 6 6
Culcheth, B. - -	310	251	4	12 11 2
Culvert, N. - -	97	54	3	2 3 4
Dalton-in-Furness, *Chapel Street.*	305	149	4	4 18 6
Dalton-in-Furness, *Newton.*	78	48	1	3 12 8
Dalton-in-Furness, N.	230	186	4	15 0 5
Dalton-in-Furness, Wes.	133	70	1	3 6 10
Darcy Lever, Wes. -	119	96	—	1 15 11
Darwen, Wes. -	200	68	—	2 6 6
Davyhulme, Wes. -	90	45	4	7 16 5
Deane, N. - -	129	87	1	4 9 7
Denton, Meth. F. C.	148	52	—	2 11 2
„ Wes. - -	100	81	2	3 19 4
Didsbury, Wes. -	145	96	4	5 18 10
Dixon Green, N. -	260	120	1	3 18 7
Droylsden, B. - -	350	141	5	12 9 4
„ - -	320	176	3	7 6 10
„ Market St. B.	452	332	—	6 1 8
Droylsden Castle, Undenom.	110	88	—	5 7 1
Eagley Mills, B. -	240	197	12	8 0 9
Earlestown, Wes. -	450	141	8	12 0 2
„ „ -	466	181	7	7 9 1
Eccles, B. - -	140	113	7	9 3 4
„ Broomhouse Lane.	60	48	—	4 10 10
Eccles, Parish - -	80	61	5	—*
Eccleston, St. Thomas' N.	420	284	1	24 3 9
Eagland Hill, C. E.	62	43	—	2 0 2

* Examination cancelled.

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
LANCASHIRE—*cont.*				
Everton, Ch. Ch. -	250	165	1	19 8 8
" Emmanuel C. E.	220	121	—	6 7 3
Everton, Emmanuel C. E.	170	130	—	4 5 7
Everton, R.C. - -	90	82	—	3 13 4
Everton, St. Chrysostom's Boys' N.	257	170	—	11 13 6
Everton, St. Chrysostom's Girls' N.	200	57	3	6 6 5
Everton, St. George's N.	380	198	9	16 7 6
Everton, St. George's N.	185	162	10	6 9 9
Everton, St. Peter's N.	642	490	1	13 17 7
Everton, St. Saviour's N.	590	352	20	27 5 5
Failsworth, St. John's N.	99	93	2	4 9 4
Flixton, N. - -	73	47	3	3 9 2
" - -	63	29	2	0 13 7
Forton - - -	81	80	1	6 14 4
Garston, N. - -	265	185	2	10 18 4
Glasson Dock, Ch. Ch. N.	80	66	1	4 14 8
Glodwick, Wes. -	170	110	3	3 0 7
Gorton. M. S. and L. Ry.	280	159	—	8 4 0
Gorton, N. - -	129	37	2	2 8 0
" (West) All Saint's.	80	57	2	3 10 8
" (West), St. Mark's.	146	81	—	4 12 8
Great Marsden, N. -	95	68	—	3 18 2
Greenbooth Mill -	115	97	—	4 5 9
Haigh, N. - -	40	37	—	2 6 1
Halliwell, St. Luke's N.	122	90	3	5 4 5
Halsall, N. - -	70	63	—	3 12 2
Halton, N. - -	77	63	2	8 12 3
" - -	72	68	2	6 1 10
Hambleton - -	76	40	1	0 12 9
Hapton, Wes. - -	70	38	—	2 14 9
Harpurhey, Ch. Ch.	159	135	3	9 4 5
Harwood, Wes. -	112	89	1	3 9 10
Haslingden, Wes. -	140	128	1	4 10 8
Hawkshaw Lane, C. E.	53	53	—	4 6 5
Heald, Wes. - -	45	42	—	2 14 9
Heap Bridge, B. -	53	33	1	2 9 7
" " -	56	33	2	1 17 3
" " N. -	68	48	—	2 15 10
Heaton Mersey, Industrial.	170	170	—	11 0 8
Heaton Mersey, St. John's C. E.	153	135	3	6 6 0
Heaton Norris, Lancashire Hill, B.	258	176	8	5 13 10
Heaton Norris, Par.	75	58	1	3 0 9
Hey, St. John's -	123	70	1	3 19 10
Heywood, All Souls (Castleton).	40	24	3	0 16 5
LANCASHIRE—*cont.*				
Heywood, Hill St., Wes.	210	107	6	3 12 3
Heywood, New Jerusalem.	420	202	14	16 8 3
Heywood, Queen St. B.	220	97	2	5 19 0
Heywood, St. James' Heady Hill.	120	63	6	4 15 10
Heywood St. James' Tower St.	125	105	5	5 0 1
Heywood, St. Luke's Boys'.	125	98	2	4 15 2
Heywood, St. Luke's Girls'.	161	58	—	2 1 1
Hindley Common, United Meth. Free Ch.	50	50	—	3 9 10
Hindley, St. Peter's Low Green.	120	73	1	3 1 7
Holcombe, C. E. -	90	88	2	4 8 2
" " -	86	79	2	2 4 1
Hollinwood, B. -	200	124	2	5 6 10
Hooley Hill, Wes. -	80	71	3	3 18 11
" " -	150	86	3	2 19 11
Hopwood, Meth. Free Ch.	190	148	2	6 11 9
Horwich, Old - -	105	71	1	1 17 3
Hulme, Ch. Ch. B. -	360	253	5	21 9 11
" St. George's N.	230	147	4	7 19 8
Hulme, St. John Baptist N.	120	97	2	5 6 10
Hulme, St. Mark's N.	50	33	—	1 8 0
Hulme, St. Mary's C. E.	470	322	—	16 15 0
Hulme, St. Michael's C. E.	300	196	—	8 10 3
Hulme, St. Philip's	225	179	—	4 12 10
Huncoat, Wes. -	72	35	1	2 8 9
Hurst, B. - - -	194	144	—	5 10 2
Huyton, Cong. -	84	57	—	2 8 8
Ince, Hall of Ince -	191	150	1	3 19 8
" Boys' N. -	160	132	4	8 3 7
" Wes. - -	140	132	5	2 18 4
Kearsley Mount, Wes.	66	60	—	2 1 11
Kensington (Fairfield) N.	190	49	3	2 2 5
Kirkby Ireleth, Burlington.	111	107	4	6 15 4
Kirkdale, St. Lawrence C. E.	300	194	8	12 2 3
Kirkdale, St. Mary's	240	226	4	21 3 8
Lancaster, N. - -	351	243	9	14 15 0
" Boys' N.	330	249	6	13 10 9
" St. Peter's R. C. Boys'.	130	81	—	5 0 5
Lancaster, St. Peter's R. C. Boys'.	130	122	4	4 12 5
Lancaster, St. Peter's R. C. Girls'.	84	76	3	2 3 2

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	£ s. d.
LANCASHIRE—*cont.*				
Lancaster, St. Peter's R. C. Girls'.	76	76	—	0 3 11
Lancaster, St. Thomas'.	295	122	3	10 14 6
Lancaster, St. Thomas'.	312	161	2	12 8 1
Lancaster, Wes. -	130	121	4	7 11 10
,, Wes. -	130	91	3	4 4 6
Lees Lydgate, N. -	113	39	1	2 11 0
Leigh, Bedford Wes.	250	122	7	4 14 6
,, King Street, Wes.	160	105	—	3 12 0
Lever Bridge, N. -	196	118	2	8 16 10
Leyland, Wes. -	102	64	2	4 3 7
Littleborough, C. E.	100	75	—	2 16 4
,, United Meth. Free Ch.	206	200	5	14 16 2
Littleborough, Wes.	85	57	—	4 18 11
Little Lever, Wes. -	116	105	5	5 17 7
Liverpool, *Ashfield Street.*	648	415	10	30 12 10
Liverpool, *Beaufort Street.*	360	265	17	6 18 11
Liverpool, *Butler Street.*	340	232	3	13 7 1
Liverpool, *Chatsworth St. Boys'.*	233	152	3	11 3 10
Liverpool, *Chatsworth St. Girls'.*	238	190	19	11 10 8
Liverpool, *Clint Rd.*	577	392	13	32 0 2
,, *Harrington.*	216	201	8	8 1 11
Liverpool, *North Corporation.*	610	233	10	11 17 4
Liverpool, *Pleasant Street.*	276	196	—	5 17 3
Liverpool, *Queen's Road.*	456	342	10	17 15 2
Liverpool, *Roscommon Street.*	492	271	7	18 3 4
Liverpool, *Stanley Road.*	220	180	—	23 0 2
Liverpool, *Upper Park Street.*	500	230	10	16 9 4
Liverpool, *Walton Lane, Boys'.*	307	284	2	38 4 1
Liverpool, *Walton Lane, Girls.*	300	137	1	12 1 11
Liverpool, *William Henry Street.*	470	333	1	20 3 5
Liverpool, Beaufort Street B.	160	84	1	3 0 1
Liverpool, Blue Coat Hospital.	251	225	1	27 4 4
Liverpool, Brunswick Wes. Boys'.	394	358	9	21 11 0
Liverpool Brunswick Wes. Girls'.	88	70	2	2 18 7
Liverpool, Certified Industrial.	177	171	—	5 3 8
Liverpool, Ch. Ch. (Christian St.)	300	153	—	4 18 1
Liverpool, Cranmer Wes.	140	71	—	2 2 2
Liverpool, Deaf and Dumb.	110	40	—	3 15 3
Liverpool, Great Homer Wes. Boys',	256	188	—	15 10 9
Liverpool, Great Homer Girls', Wes.	65	53	5	4 8 3
Liverpool, Hope St. Boys' B.	220	152	—	7 12 5
Liverpool, Hope St. Girls' B.	204	118	3	4 16 2
Liverpool, Moorfields.	124	56	—	5 15 10
Liverpool, Mount Pleasant B.	135	99	1	4 1 9
Liverpool, Park Hill Ch.	190	129	—	20 5 10
Liverpool, St. Andrew's N.	120	107	3	6 18 7
Liverpool, St. Anne's N.	60	41	—	0 16 6
Liverpool, St. Bride's Boys'	200	171	3	14 3 3
Liverpool, St. Bride's Girls'.	200	136	3	5 12 4
Liverpool, St. Clement's N.	190	104	—	7 13 1
Liverpool, St. Clements.	202	118	—	6 10 10
Liverpool, St. Cleopas' N.	90	90	—	4 12 8
Liverpool, St. James'	274	245	6	4 16 9
,, St. John the Baptist.	200	103	2	2 8 6
Liverpool, St. Jude's N.	200	174	2	8 1 0
Liverpool, St. Margaret's.	397	284	8	41 2 2
Liverpool, St. Mark's	106	104	1	6 11 8
,, St. Martin's-in-the-Fields.	105	98	5	4 2 1
Liverpool, St. Mary's Edgehill, Boys'.	350	313	8	55 6 7
Liverpool, St. Mary's Edgehill, Girls'.	206	159	2	10 17 4
Liverpool, St. Matthew's C. E.	330	299	2	13 2 8
Liverpool, St. Matthew's C. E.	400	235	2	15 2 2
Liverpool, St. Matthias' C. E.	104	102	2	2 12 6
Liverpool, St. Michael's R. C.	74	62	2	2 10 10
Liverpool, St. Paul's	268	162	1	14 3 0
,, St. Saviour's.	640	481	4	12 0 9
Liverpool, St. Silas' C. E.	153	56	1	3 10 5
Liverpool, St. Simon's N.	130	64	—	0 17 7

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
LANCASHIRE—*cont.*				
Liverpool, St. Stephens.	149	82	3	2 6 4
Liverpool, St. Sylvester's R. C.	100	90	—	5 0 1
Liverpool, Vine St. Wes.	120	70	—	4 0 6
Liverpool, West Derby Wes. Boys'.	230	122	1	10 9 5
Liverpool, West Derby Wes. Girls'.	240	115	2	3 2 10
Liverpool, Windsor Street Wes.	245	125	2	10 18 0
Lomeshaye, Undenom.	160	136	—	5 8 6
Longsight, St. Clement's.	110	52	4	5 12 3
Longsight, Wes. -	412	265	6	10 10 11
Lowton, Endowed -	135	64	2	4 5 1
Manchester, *Abbott Street.*	350	268	3	18 1 1
Manchester, *Chester Street.*	150	94	—	1 18 5
Manchester, *Ducie Avenue.*	450	337	3	26 13 4
Manchester, *Embden Street.*	120	80	—	4 19 2
Manchester, *Every Street.*	200	129	—	5 13 3
Manchester, *Granby Row.*	120	40	5	2 0 5
Manchester, *Lloyd Street.*	150	87	—	4 5 7
Manchester, *Lower Mosley Street.*	250	188	—	11 18 10
Manchester, *Marshall Street.*	110	65	—	3 18 8
Manchester, *Mulberry Street.*	80	40	3	3 11 2
Manchester, *Osborne Street.*	120	86	1	5 15 0
Manchester, *Peter Street.*	420	382	1	23 8 11
Manchester, *South Hall Street.*	180	140	2	7 1 4
Manchester, *Strangeways.*	150	128	2	6 17 9
Manchester, *Vine St.*	350	169	2	10 10 11
Manchester, *Wood Street.*	100	60	3	5 12 3
Manchester, Cathedral.	70	50	1	3 10 10
Manchester, Chalmer's Pres.	90	74	—	3 8 2
Manchester, Cheetham Hill Jews'	220	172	1	5 0 7
Manchester, Cheetham Hill Wes.	220	102	1	7 13 3
Manchester, Cornbrook Park Wes.	210	146	3	6 0 3
Manchester, Eagle Street Wes.	140	90	4	5 9 6
Manchester, Eagle Street Wes.	120	27	3	2 1 8
LANCASHIRE—*cont.*				
Manchester, St. Andrew's N.	100	66	—	2 10 4
Manchester, St. Augustine's.	96	81	—	3 3 6
Manchester, St. Barnabas' N.	300	226	6	4 3 11
Manchester, St. Chad's R. C.	112	72	2	6 17 3
Manchester, St. John's Deansgate.	170	98	1	4 6 7
Manchester, St. John's, Marple St.	176	149	2	9 12 3
Manchester, St. Luke's N. Weaste.	120	68	8	6 4 5
Manchester, St. Margaret's.	352	323	7	13 17 9
Manchester, St. Mark's.	120	87	9	3 18 0
Manchester, St. Patrick's.	200	125	—	4 2 8
Manchester, St. Philip's.	240	156	3	9 5 11
Manchester, St. Saviour's.	90	74	2	3 19 5
Manchester, St. Thomas' N.	90	80	2	3 7 4
Manchester St. Wilfrid's.	181	160	7	14 12 7
Middleton, Wes. -	130	88	1	4 17 2
Miles Platting, Hulme Hall Lane Wes.	140	45	—	5 12 5
Miles Platting, Inst.	319	213	8	19 6 9
Miles Platting, St. John's.	70	44	1	2 5 2
Miles Platting, St. Luke's N.	160	121	3	6 8 5
Mills Hill, Baptist	160	137	—	5 13 3
" " -	87	81	1	3 2 4
Milnrow, N. - -	136	82	1	4 3 5
" Wes. -	114	97	—	3 12 10
Monton Day - -	46	39	—	2 10 10
Morecombe, *Moss Lane.*	129	120	4	10 1 11
Morecombe, *Moss Lane.*	200	132	1	9 12 3
Mossley, Abney B. -	436	124	4	11 6 7
Moston, B. - -	130	123	2	5 15 0
Nelson-in-Marsden, N.	200	163	—	3 14 7
Nelson-in-Marsden, Salem.	200	152	3	2 0 6
Nelson-in-Marsden, Wes.	300	246	—	18 8 3
Newbold, St. Peter's	250	192	—	5 14 8
New Bury, N. - -	224	171	—	6 14 1
Newton Heath, Wes.	104	41	—	2 6 4
	107	59	—	2 6 4
North Shore, St. Paul's, Boys'.	340	177	4	7 12 7
North Shore, St. Paul's, Girls'.	129	125	4	5 19 4

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined. Children.	No. examined. Pupil-teachers and paid Monitors.	Total Amount of Grants on Results, Cost of Prizes and Examples. £ s. d.
LANCASHIRE—*cont.*				
Oldham, *Smith St.*	168	79	—	4 16 11
„ *Wellington Street.*	358	179	5	5 15 3
Oldham, *Westwood*	290	144	8	5 2 4
„ Derker Mills.	202	124	1	5 6 5
Oldham, Greenacres B.	78	61	—	2 9 2
Oldham, Greenacres Rd. Wes.	330	271	2	9 0 1
Oldham, B. - -	130	92	—	3 13 3
„ „	140	78	—	2 9 2
„ St." Andrew's C. E.	145	83	2	3 3 0
Openshaw, Wes. -	169	115	5	11 1 11
„ (Higher) Congl.	76	63	3	7 2 1
Orford, C. E. -	160	90	2	6 16 4
Oswaldtwistle, New Jerusalem.	98	68	—	0 6 9
Over Darwen, Belgrave B.	350	267	—	10 15 2
Over Darwen, St. John's Central.	87	84	3	3 4 1
Padiham, St. Matthew's.	90	82	2	3 13 9
Patricroft, Ch. Ch. -	300	196	4	10 6 8
Pendlebury, B. -	140	85	—	2 18 9
Pendleton, Brunswick Wes.	160	150	5	6 0 10
Pendleton, St. Barnabas'.	55	55	—	4 7 5
Pendleton, St. James' Boys' R. C.	110	67	4	5 13 0
Pendleton, Strawberry Rd. B. Boys'.	360	118	—	6 3 2
Pendleton, Strawberry Road Girls'.	104	48	—	0 17 1
Penketh, Wes. -	80	56	—	7 10 3
„ „ -	85	75	—	6 11 8
Pennington, N. -	50	49	—	0 17 6
Pilkington, B. -	200	170	1	9 4 9
Pilling, N. - -	112	73	2	3 16 7
Pits-o'-th'-Moor Wes.	200	134	4	6 13 10
„ „	300	197	3	4 9 7
Platt Bridge, Wes. -	147	92	—	4 7 1
Poolstock, C. E. -	150	101	—	4 6 5
Preston, All Saints'	207	172	4	6 4 4
„ Avenham Lane Par.	140	91	6	2 15 5
Preston, Ch. Ch. -	172	138	2	9 5 6
„ Croft St. Wes.	84	80	4	3 16 2
Preston, Emmanuel	210	128	9	6 10 1
„ Grimshaw St. B.	250	167	5	11 2 3
Preston, Orchard -	80	58	2	4 10 6
„ St. James' N.	132	126	—	3 18 6
„ St. Luke's	190	131	5	10 9 8
Preston, St. Mark's N.	93	84	9	8 12 7
Preston, St. Mary's St. Wes.	54	51	2	3 1 4
Preston, St. Paul's N.	174	149	4	11 19 11
Preston, St. Peter's N.	450	392	4	9 6 3
Preston, St. Thomas' N.	250	170	6	4 13 10
Preston, Xaverian Bros. R. C.	75	73	—	7 5 11
Prestwich, Boys' N.	158	83	—	2 8 4
„ Girls' N.	130	43	—	2 6 4
Radcliffe Water Lane B.	180	124	—	2 9 9
Radcliffe Bridge, St. John's N.	210	136	—	5 5 10
Radcliffe Bridge, St. John's N.	180	123	—	3 5 11
Radcliffe Bridge, Wes.	220	165	2	5 2 10
Radcliffe Close, Wes.	140	102	1	2 8 9
Rainford, N. - -	80	65	—	3 17 5
Rainhill, N. - -	120	99	3	5 3 0
Ramsbottom, St. Andrews' B.	150	48	1	2 7 8
Ramsbottom, St. Andrew's Pres.	70	67	1	4 17 0
Ramsbottom, Stubbins Cong.	147	77	2	4 1 6
Reddish, Houldsworth.	150	89	—	5 8 2
Reddish, Houldsworth.	180	100	1	4 8 9
Rhodes B. - -	180	131	—	7 1 8
Ribchester N. - -	70	51	—	3 13 2
Rochdale, *Baillie Street.*	260	171	—	6 1 8
Rochdale, *Belfield* -	86	47	2	2 6 11
„ *Cronkeyshaw.*	105	72	2	3 16 8
Rochdale, *Halifax Road.*	254	120	—	2 5 10
Rochdale, *Lower Place.*	243	90	2	4 1 0
Rochdale, *Milkstone Road.*	248	60	2	2 14 10
Rochdale, Clover St. B.	250	120	—	2 9 11
Rochdale, St. Edmund's C. E.	210	164	8	6 16 4
Rochdale, Nuttall St. B.	57	51	—	2 5 4
Rochdale, Par. Ch. -	379	197	10	15 15 10
„ St. James' N.	150	61	1	1 17 5
Rochdale, Trinity Wes.	123	107	9	3 15 8
Rochdale, Union St. Wes.	320	219	8	11 9 5
Rooden Lane, B. -	140	80	1	3 4 5
Royton, Wes. -	196	127	—	4 7 5
Rusholme, Wes. -	70	59	2	3 7 8
Ryecroft, B. - -	340	259	9	16 19 1
St. Helen's, Cowley B.	340	125	4	7 17 9

Instruction in Drawing in Elementary Day Schools—*continued.*

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				£ s. d.
LANCASHIRE—*cont.*				
St. Helen's, Moorflat N.	180	106	8	8 12 10
St. Helen's, Wes.	230	174	—	8 2 1
Salford, *Higher Broughton.*	103	40	—	4 0 4
Salford, *Seedley Commercial.*	85	65	2	4 13 2
Salford, Ch. Ch. Upper.	426	241	5	26 5 10
Salford, New Jerusalem.	83	79	4	7 0 11
Salford, St. John's R. C.	96	50	—	2 16 4
Salford, St. Matthias'	90	76	—	1 17 1
" St. Stephen's.	150	91	2	3 10 5
Salford, Stowell Meml.	87	76	1	4 14 0
Salford, Woodbine St. Higher Grade.	340	304	8	38 6 0
Salford, Wkg. Men's Coll.	178	95	1	3 12 6
Sankey (Great), N.	53	22	1	1 2 6
Seaforth, St. Thomas' N.	132	68	2	3 19 6
Skelsmersdale	78	72	4	2 17 9
Skerton, C. E.	220	118	2	5 5 0
" "	152	116	1	3 7 6
Smithy Bridge, United Meth. Free Ch.	65	55	1	4 12 4
Southport, Ch. Ch. N.	167	100	8	2 6 3
South Hill, Whittle-le-Woods.	80	51	—	4 7 3
Southport, St. Paul's N.	126	60	6	6 7 5
Southport, Talbot St. Wes.	64	47	5	3 15 11
South Shore Holy Trinity.	80	54	—	4 8 10
Spotland, St. Clement's	160	89	3	6 13 1
Spotland, St. Clement's.	200	131	—	4 0 11
Stand, Whitefield All Saint's.	50	49	—	2 14 2
Standish, Grammar	130	91	—	3 9 3
Stretford, N.	170	71	5	3 11 6
" "	150	57	6	2 18 5
" Wes.	180	89	2	4 10 10
" "	160	87	2	2 18 7
Summerseat, Wes.	144	121	3	7 0 5
Sunnyside, Undml.	364	274	3	20 17 7
Sutton, St. Helen's N.	200	89	—	2 16 3
Sutton, St. Anne's R. C.	120	83	2	3 12 6
Swinton, Burying Lane Wes.	138	113	1	8 2 4
Swinton, Indl.	224	194	—	13 1 2
" St. Peter's	200	181	3	10 1 9
LANCASHIRE—*cont.*				
Swinton, *Worsley Road.*	90	67	1	3 14 10
Thornton	80	80	—	4 2 9
Todmorden, *Colden*	89	76	—	4 5 11
" *Eastwood.*	80	37	—	2 12 3
Todmorden, *Roomfield.*	280	214	3	26 5 10
Todmorden, *Roomfield.*	210	130	6	11 10 7
Todmorden, *Vale*	100	96	1	8 19 4
Tottington, B.	120	78	1	5 3 9
" N.	131	72	—	2 10 3
" Wes.	250	190		11 9 2
Trawden, Wes.	172	133	2	8 7 5
Tyldesley, Wes.	157	154	3	4 14 9
Ulverston, N.	167	150	2	3 17 8
Urmston, Ch.	96	81	1	3 15 7
"	67	63	1	3 8 4
Upholland, N.	110	30	—	2 7 8
"	58	40	—	2 2 9
" Dig Moor N.	100	30	2	2 11 9
Upholland, Dig Moor N.	105	49	3	2 10 4
Upholland Moor, N.	80	30	—	2 12 9
" "	84	50	—	2 0 0
Walkden, B.	100	61	—	0 14 10
Walmer Bridge, B.	46	44	2	0 14 11
Walsden, Ch.	87	40	2	2 6 3
Walton Breck, N.	230	144	6	5 12 0
Walton-on-the-Hill, N.	178	120	2	4 5 7
Wardle, Wes.	61	56	—	Nil.
Wargrave, N.	350	198	—	7 18 10
Warrington, B.	700	435	10	49 7 10
" Ch. St. Par.	268	237	3	26 10 9
Warrington, Church Street Lower Girls'.	100	82	1	4 7 5
Warrington, Church Street Upper, Girls'.	56	44	—	2 7 9
Warrington, St. Pauls'.	973	256	10	17 15 6
Warrington, Wycliffe B.	420	210	3	8 19 8
Wavertree, St. Mary's.	135	81	2	3 3 11
Wavertree, Holy Trinity C. E.	130	116	--	5 12 5
West Houghton, Cong.	45	41	—	2 8 0
Westleigh, St. Paul's	61	61	—	3 6 3
" "	60	47	—	2 18 9
" Wes.	258	157	—	3 17 2
" Mill, C. E.	155	126	1	2 10 11
Whalley Range, Wes.	258	134	4	10 11 7
Wheatley Lane, Wes.	45	44	1	5 11 1
Widnes, *Simm's Cross Boys'.*	230	165	6	14 9 0

Instruction in Drawing in Elementary Day Schools—*continued.*

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LANCASHIRE—*cont.*				
Widnes, *Warrington Rd.*	172	139	8	10 2 9
Widnes, *West Bank Boys'.*	164	129	—	7 3 10
Widnes, *West Bank Girls'.*	61	50	—	2 1 8
Widnes, Par. Ch.	240	94	1	6 17 6
Wigan, N. and Blue-coat.	271	169	1	11 6 0
Wigan, New Jerusalem B.	350	256	7	17 2 10
Wigan, Park Lane Undenom.	60	40	—	2 6 3
Wigan, Pres.	158	133	1	4 10 5
Wigan, St. Michael's	60	51	—	2 15 8
Wigan, St. Thomas' Caroline Street.	206	200	5	8 2 0
Wigan, St. Thomas', Clayton Street, N.	340	193	3	7 18 5
Worsley	103	99	—	4 7 10
Yealand Conyers	70	62	1	4 5 6
LEICESTERSHIRE.				
Barwell, N.	220	104	5	5 17 8
Belgrave	180	104	6	5 1 11
„ N.	150	150	—	4 1 9
Castle Donington, Wes.	78	73	3	3 9 8
Coalville, B.	130	116	—	3 13 1
„ Wes.	100	65	2	4 15 9
Cosby, Par.	62	46	2	2 17 5
Desford	60	40	—	2 4 3
Griffy Dam, Wes.	60	37	2	0 10 3
Hinckley, Par.	390	181	2	5 4 5
Leicester, *Belgrave Rd.*	206	138	7	17 8 0
Leicester, *Catherine St.*	520	125	13	11 15 11
Leicester, *Charnwood St.*	498	279	7	19 16 4
Leicester, *Elbow Lane.*	318	103	3	10 8 4
Leicester, *Great Meeting.*	300	211	4	6 11 11
Leicester, *King Richard's Rd.*	327	192	8	10 6 0
Leicester, *Oxford Street.*	340	103	7	13 12 11
Leicester, *Syston St.*	200	116	17	11 5 11
„ *Willow St.*	300	251	3	9 10 3
„ Hill St. B. Boys'.	324	172	1	11 4 10
„ Hill St. Girls' B.	300	132	5	6 19 7
Leicester, Humberstone Rd. Wes.	160	117	2	7 6 0
Leicester, St. George's.	120	49	2	3 6 4
Leicester, St. John's N.	91	64	4	8 6 10
Leicester, St. Luke's N.	151	68	1	4 3 0
Leicester, St. Margaret's.	150	88	3	2 18 6

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LEICESTERSHIRE—*cont.*				
Leicester, St. Mark's	150	106	—	4 13 5
„ St. Martin's Boys'.	196	152	2	12 8 11
Leicester, St. Mary's Par.	123	68	4	3 17 4
Leicester, St. Matthew's.	124	57	3	4 2 4
Leicester, Trinity Boys'.	230	157	3	12 4 8
Loughborough	240	79	1	6 8 0
Loughborough, Lancasterian.	123	87	3	6 6 0
Lutterworth	70	45	—	3 11 6
Market Harboro', B.	140	72	—	4 18 2
„ „ N.	60	45	2	3 14 4
Melton Mowbray, B.	195	118	7	12 13 2
„ „	170	117	5	9 1 8
„ „ Ch.	100	49	6	6 10 3
Free.				
Melton Mowbray, Free.	120	56	5	6 9 7
Ratby	70	32	1	2 16 9
Sileby, N.	104	51	2	2 8 2
Syston, Par.	90	59	2	1 18 9
LINCOLNSHIRE.				
Barton-on-Humber, Wes.	204	160	3	8 5 8
Bassingham, Wes.	55	25	1	0 11 9
Boston, Laughton's	74	74	—	9 17 9
„ PumpSquare N.	205	120	8	11 12 2
Boston, Red Lion Square, Wes.	130	115	5	15 0 10
Boston, St. James' N.	200	125	2	9 7 5
Boston, Shodfriars Lane B. Pub.	85	61	2	2 2 4
Bourne	140	74	8	9 13 0
Clee, The Hilda	53	51	2	5 6 3
Crowle	140	81	2	6 19 5
Fleet Fen	45	40	—	2 10 8
Frampton, C. E.	80	57	2	3 2 7
Gainsborough, Par.	185	122	2	10 11 1
„ Wes.	250	146	6	5 18 4
Glandford Brigg, N.	110	107	—	3 17 2
Gosberton	40	38	1	3 5 1
„ *Clough and Risegate.*	233	78	1	3 8 10
Goxhill, Wes.	76	56	1	3 12 8
Grantham, B.	90	62	3	4 2 0
„ N.	180	154	—	4 6 6
„ Wes.	191	152	3	6 16 3
Grimsby, *Holme Hill.*	210	194	18	29 19 1
Grimsby, *South Parade.*	80	64	—	6 18 9
Grimsby, N.	65	55	—	4 0 9
„ Prim. Meth.	205	157	—	15 8 0
Grimsby, Wes.	200	138	9	10 15 0
Ingham	67	50	—	0 13 7
Kirton Church End	90	61	—	0 7 4

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				£ s. d.
LINCOLNSHIRE—*cont.*				
Lincoln, Central N.	150	106	—	4 18 7
„ North Dist.	110	70	3	3 8 9
„ „	120	76	3	2 19 11
„ Pract.	74	49	—	4 2 9
Lincoln, St. Martin's Par.	200	130	5	10 3 7
Lincoln, St. Peter-at-Gowts Boys'.	120	80	4	6 10 4
Lincoln, St. Peter-at-Gowts Boys'.	150	101	3	4 13 6
Lincoln, St. Peter-at-Gowts Girls'.	100	58	7	4 8 6
Lincoln, St. Peter-at-Gowts Girls'.	90	50	—	1 16 10
Lincoln, St. Swithin's Par.	68	59	3	5 0 0
Louth, B.	155	107	3	5 6 3
„ B.	170	125	6	6 10 5
„ Wes.	120	73	3	4 16 5
„ Wes.	140	76	3	3 15 10
„ Holy Trinity	120	102	1	5 0 2
„ Westgate N.	110	76	3	6 9 8
Ludford, N.	57	51	3	1 18 8
New Holland, N.	60	44	—	2 16 2
Rippingale, C. E.	84	33	3	1 17 1
Scarle (North)	48	40	1	2 0 5
Shiphay, *Stow*	124	45	3	—*
Stamford, Bluecoat	136	115	1	14 0 11
Stamford, St. Michael's	143	105	1	9 6 5
Surfleet	122	77	2	3 10 2
Sutterton, N.	83	51	3	0 6 4
Tetney	115	47	1	6 2 1
Wainfleet, N.	40	25	—	—†
„ Wes.	60	45	—	0 15 7
Willingham	40	31	1	0 15 7
MIDDLESEX.				
Barnet, Ch. Ch.	76	54	1	3 6 9
„ (East) Trent Boys'.	85	60	1	10 9 0
Barnsbury, St. Clement's N.	310	303	7	10 7 9
Bethnal Green, Abbey St. Boys' B.	200	163	2	7 10 7
Bethnal Green, Abbey St. Girls' B.	170	92	6	6 8 2
Bethnal Green, Approach Rd. Wes.	250	186	4	14 1 11
Bethnal Green, Cambridge Heath, Refuge.	108	95	—	3 0 10
Bethnal Green, King Edward's Indus.	91	60	—	2 7 5
Bethnal Green, St. Bartholomew's.	180	118	2	8 17 3
Bethnal Green, St. James-the-Less.	150	122	2	17 14 7
Bethnal Green St. John's N.	100	99	—	3 17 3
Bethnal Green, St. Matthias'.	92	9	2	6 6 2
MIDDLESEX—*cont.*				
Bevis Marks, Jews	80	55	—	0 11 0
Bishopsgate, Ward	435	302	4	20 12 9
Bloomsbury, Ch. Ch.	69	66	—	4 4 3
„ St. George's, Boys'.	150	113	—	4 5 9
Bloomsbury, St. George's, Girls'.	140	92	—	2 4 1
Bow, Tredegar Rd. Wes.	250	239	1	12 8 10
Bow Common, St. Paul's, Boys'.	200	159	1	16 13 10
Bow Common, St. Paul's Girls'.	70	40	3	3 11 4
Bow Common, Tidey St., Wes.	102	77	3	6 8 11
Brentford, High St. B.	300	221	8	33 14 6
Bromley, St. Leonard's N.	320	228	3	12 5 1
Brompton, N.	143	139	4	6 13 11
„ N.	164	123	4	6 15 5
„ (West) St. Matthias N.	80	54	1	2 16 4
Bull's Cross, Enfield.	82	64	2	4 12 3
Bull's Cross, Enfield	130	96	2	5 13 5
Camden Town, Park Chapel.	180	114	3	16 1 1
Charterhouse, St. Thomas', Goswell Road.	550	492	9	40 5 1
Chelsea Division of London School Board:—				
Albion Road East, Boys'.	300	263	1	21 0 8
Albion Road East, Girls'.	233	198	1	11 10 10
Buckingham Ter., Notting Hill.	120	30	2	2 4 7
Cook's Ground, Boys'.	349	182	1	13 9 9
Cook's Ground, Girls'.	287	148	5	3 17 10
"D" St., Queen's Park, Boys'.	460	267	3	24 8 6
"D" St., Queen's Park, Girls'.	401	184	—	9 16 11
Edinbro' Road, Ladbroke Grove, Boys'.	290	174	—	6 2 2
Edinbro' Road, Ladbroke Grove, Girls'.	176	71	—	3 5 9
Gloucester Grove, South Kensington, Boys'.	160	90	—	7 5 2
Gloucester Grove, South Kensington, Girls'.	157	101	1	5 5 2
Harwood Road, Fulham, Boys'.	480	228	—	11 16 2
Harwood Road, Fulham, Girls'.	250	126	—	5 7 4

* Not claimed. † Grant lapsed.

Instruction in Drawing in Elementary Day Schools—*continued.*

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MIDDLESEX—*cont.*				
Chelsea Division of London School Board—cont.				
Kenmont Gardens, Boys'.	66	69	—	3 1 0
Kenmont Gardens, Harrow Road, Girls'	50	33	—	1 2 8
Latimer Road Boys'.	300	192	1	9 0 9
Latimer Road Girls'.	150	63	—	2 5 1
Marlboro' Road, Boys'.	307	204	3	24 17 3
Marlboro' Road, Girls'.	280	171	1	7 8 10
Middle Row, Kensal New Town, Boys'.	300	144	1	9 7 6
Middle Row, Kensal New Town, Girls'.	49	48	—	2 14 7
North End Road, Fulham, Boys'.	300	205	—	5 14 9
North End Road, Fulham, Girls'.	180	93	3	5 13 9
Park Walk, Boys'	300	169	1	7 17 11
" *Girls'*	200	120	—	0 5 7
Portobello Road, Boys'.	412	248	1	15 16 2
Portobello Road, Girls'.	300	287	6	17 8 0
Queen's Gardens, Brompton, Boy's.	245	227	—	8 14 2
Queen's Gardens, Brompton, Girls'.	86	53	1	1 0 1
St. Clement's Rd., Notting Hill, Boys'.	340	144	1	4 0 4
St. Clement's Rd., Notting Hill, Girls'.	212	94	2	0 17 8
Saunders Road, Boys'.	400	209	1	19 13 0
Saunders Road, Girls'.	260	127	2	4 1 1
Silver St., Boys' -	257	224	—	14 12 5
" *Girls'* -	190	129	—	3 14 9
Star Lane, Fulham, Boys'.	434	232	1	12 10 8
Star Lane, Fulham Girls'.	362	158	3	6 10 1
Starch Green, Victoria Road, Boys'.	345	174	2	15 5 6
Starch Green, Victoria Road Girls'.	280	188	1	8 18 11
Walton St., Boys'	200	122	—	8 3 9
" *Girls'*	160	69	1	3 12 3
Waterloo Street, Hammersmith, Boys'.	360	306	—	12 14 5
MIDDLESEX—*cont.*				
Chelsea Division of London School Board—cont.				
Waterloo Street, Hammersmith, Girls'.	260	204	3	5 9 2
William Street, Hammersmith, Boys'.	300	247	—	21 13 3
William Street, Hammersmith, Girls'.	400	134	2	6 9 1
Wornington Rd., Notting Hill. Boys'.	430	406	2	16 12 4
Wornington Rd., Notting Hill, Girls'.	334	296	7	11 19 10
Chelsea, Ch. Ch. N.	110	65	1	4 4 7
" Park Chapel, N.	156	125	4	6 10 2
Chelsea, St. Luke's Par.	250	201	4	17 12 8
Chelsea, St. Mark's Prac.	260	127	2	9 2 10
Chelsea, Trinity -	354	270	2	19 2 9
Child's Hill, B. -	40	29	2	0 14 4
Chiswick - - -	140	99	6	15 4 11
City Division of London School Board:—				
Greystoke Place, Boys'.	145	115	—	3 2 7
Greystoke Place, Girls'.	130	56	—	2 17 6
City Road, St. Matthew's.	50	46	—	2 18 3
Clapton, St. James'	120	79	—	3 6 9
Clerkenwell, Amwell St., Par.	280	168	—	13 2 8
Clerkenwell, St. Mark's.	100	59	2	5 6 1
Clerkenwell, St. Peter's.	166	126	—	5 5 3
Clerkenwell, Spa Fields.	203	123	1	3 9 11
Cripplegate Ward -	171	115	—	3 1 3
Dalston, Cong.	250	208	4	7 14 3
" Brownlow Road.	80	55	—	3 15 5
Dalston, Mayfield Terrace, Wes.	200	187	6	12 4 5
Ealing, Ch. Ch. -	102	67	—	2 8 0
" C. E. - -	72	70	—	4 6 1
" Lancaster Rd. B.	173	116	2	5 5 8
Ealing, Wes. - -	128	109	4	10 2 6
Ealing Dean, St. John's N.	129	57	—	0 16 3
Enfield, N. - -	175	116	8	9 5 9
Enfield Highway, St. James' N.	130	87	2	5 17 7

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MIDDLESEX—*cont.*				
Enfield Lock, Gov. Boys'.	94	78	—	6 19 10
Enfield Lock, Gov. Girls'.	84	59	1	3 4 1
Finchley, St. Mary's N.	130	81	—	7 12 7
Finchley, *North End*	150	123	—	6 4 8
Finsbury Division of London School Board :—				
Compton Street, Goswell Road, Boys'.	350	272	1	15 19 2
Compton Street, Goswell Road, Girls'.	165	163	2	5 4 2
Anglers' Gardens, Islington, Boys'.	230	174	1	5 11 3
Angler's Gardens, Islington, Girls'.	153	126	3	4 3 3
Ann St., Clerkenwell, Boys'.	180	95	1	6 14 4
Ann St., Clerkenwell, Girls'.	190	81	1	5 17 1
Bath St., City Rd., Boys'.	460	254	3	12 6 11
Bath St., City Rd., Girls'.	206	196	4	6 7 11
Blundell Street, Caledonian Rd., Boys'.	320	210	1	14 7 4
Blundell Street, Caledonian Rd., Girls'.	305	176	1	6 9 8
Bowman's Place, Holloway, Boys'.	300	280	1	7 6 9
Bowman's Place, Holloway, Girls'.	299	248	7	6 10 3
Bowling Green Lane, Clerkenwell, Boys'.	275	270	2	10 2 7
Bowling Green Lane, Clerkenwell, Girls'.	210	138	—	4 8 8
Caledonian Road, Islington, Boys'.	380	283	3	17 7 3
Caledonian Road, Islington, Girls'.	312	308	2	13 13 7
Canonbury Road, Islington, Boys'.	170	156	1	10 16 2
Canonbury Road, Islington, Girls'.	217	182	1	12 0 8
Central Street, St. Luke's, Boys'.	250	220	—	10 9 4
Central Street, St. Luke's, Girls'.	186	140	—	4 11 8
Charles Street, Goswell Road, Boys'.	200	146	1	22 1 4
Charles Street, Goswell Road, Girls'.	196	107	1	5 8 0
Chequer Alley, St. Luke's, Boys'.	206	90	—	5 12 0
MIDDLESEX—*cont.*				
Finsbury Division of London School Board—cont.				£ s. d.
Chequer Alley, St. Luke's, Girls'.	222	84	—	4 12 9
Church St., Stoke Newington.	180	104	4	6 13 2
Cottenham Road, Upper Holloway, Boys'.	334	255	3	19 7 0
Cottenham Road, Upper Holloway, Girls'.	230	223	6	5 1 11
Defoe Road, Stoke Newington, Boys'.	189	96	2	5 7 4
Drury Lane, Coal Yard, Boys'.	160	146	—	4 10 9
Drury Lane, Coal Yard, Girls'.	132	102	—	2 1 6
Duncombe Road, Hornsey Rise, Boys'.	350	251	—	9 5 5
Duncombe Road, Hornsey Rise, Girls'.	120	81	—	4 1 9
Gifford Street, Islington, Boys'.	350	245	—	6 9 11
Gifford Street, Islington, Girls'.	600	174	7	3 11 4
Gillespie Road, Highbury Vale, Boys'.	360	325	3	19 0 9
Gillespie Road, Highbury Vale, Girls'.	340	289	1	12 5 3
Golden Lane, Barbican, Boys'.	180	119	—	4 17 8
Golden Lane Barbican, Girls'.	82	66	2	1 19 9
Gt. Queen St., Lincoln's Inn Fields, Boys'.	162	135	1	10 14 5
Gt. Queen St., Lincoln's Inn Fields, Girls'.	129	107	2	5 11 6
Hanover Street, Islington, Boys'.	400	298	—	18 9 11
Hanover Street, Islington, Girls'.	250	185	7	12 14 8
Hargrave Park Road, Upper Holloway, Boys'.	350	227	—	15 2 11
Hargrave Park Road, Upper Holloway, Girls'.	180	146	—	6 13 6
Hornsey Road, Holloway, Boys'.	200	189	1	10 2 0
Hornsey Road, Holloway, Girls'.	150	127	5	5 1 5
Laystall Street, Gray's Inn Rd., Boys'.	190	91	—	5 2 10

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
MIDDLESEX—*cont.*				
Finsbury Division of London School Board—cont.				£ s. d.
Laystall Street, Gray's Inn Rd., Girls'.	180	70	—	4 12 0
Penton Grove, Islington, Boys'.	260	176	—	9 5 7
Penton Grove, Islington, Girls'.	230	171	1	4 18 5
Poole's Park, Holloway, Boys'.	300	209	—	16 9 1
Poole's Park, Holloway, Girls'.	200	147	3	10 16 6
Prince's Street, Holborn, Boys'.	200	100	—	6 5 2
Prince's Street, Holborn, Girls'.	150	127	—	4 9 11
Saffron Hill, Farringdon Road, Boys'.	186	86	—	2 17 4
Saffron Hill, Farringdon Road, Girls'.	169	84	—	0 11 5
St. John's Lane, Albion Place, Boys'.	240	128	—	7 4 11
St. John's Lane, Albion Place, Girls'.	241	120	1	3 4 10
St. John's Road, Highgate, Boy's.	160	120	—	5 6 6
St. John's Road, Highgate, Girls'.	66	61	—	2 2 4
Shepperton Road, Finsbury, Boys'.	260	133	5	10 14 5
Shepperton Road, Finsbury, Girls'.	152	130	2	9 17 4
Thornhill Road, Islington, Boys'.	280	255	—	19 8 1
Thornhill Road, Islington, Girls'.	360	223	3	8 9 11
Tower St., Seven Dials, Boys'.	180	99	—	3 19 10
Tower St., Seven Dials, Girls'.	286	87	—	1 16 6
Vittoria Street, Barnsbury, Boys'.	269	234	—	13 7 4
Vittoria Street, Barnsbury, Girls'.	145	142	3	6 12 9
Wellington Road, Barnsbury.	180	80	1	7 1 0
Wellington Road, Barnsbury, Girls'.	180	66	—	2 0 11
Winchester Street, Pentonville, Boys'.	312	227	—	10 11 3
Winchester Street, Pentonville, Girls'.	340	215	—	3 10 9
MIDDLESEX—*cont.*				
Finsbury Division of London School Board—cont.				£ s. d.
York Road, King's Cross, Boys'.	450	239	3	23 18 4
York Road, King's Cross, Girls'.	303	278	6	20 13 6
Finsbury, Finsbury Charity.	86	59	2	3 12 3
Finsbury, St. Mark's, Old Street, N.	237	230	7	17 11 2
Finsbury, Whitefield Tabernacle.	250	184	9	9 18 4
Finsbury, Whitefield Tabernacle.	276	142	5	7 6 9
Fleet Street, St. Dunstan's.	33	33	—	3 2 6
Foundling Hospital	110	101	—	7 1 3
Friern Barnet, N. -	100	85	—	6 15 11
Fulham, All Saints'	150	90	—	4 15 7
George-in-the-East (St.), Cable Street, Wes.	83	47	1	4 8 6
George- in-the-East (St.), Ch. Ch. N.	102	102	—	0 10 10
George- in- the-East (St.), Raine's Boys'.	175	93	—	6 11 5
George- in-the-East (St.), St. Matthew's, N.	100	89	—	0 8 10
Giles'-in-the-Fields (St.), Endell Street N.	170	131	1	6 15 6
Gray's Inn Road, St. Jude's.	114	71	—	4 18 6
Gray's Inn Road, St. Jude's.	140	113	—	2 15 10
Hackney Division of London School Board:—				
Barnet Street, Bethnal Green, Boys'.	265	202	—	7 9 5
Barnet Street, Bethnal Green, Girls'.	205	123	—	6 2 5
Berger Road Homerton.	662	578	2	25 10 4
Bonner Street, Boys'.	268	185	1	12 3 0
Bonner Street, Girls'.	106	102	4	4 3 7
Cadogan Terrace, Homerton.	130	68	—	7 10 6
Canal Road, Hoxton, Boys'.	350	265	2	11 11 4
Canal Road, Hoxton, Girls'.	200	136	1	4 17 8

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
MIDDLESEX—*cont.*				
Hackney Division of London School Board—cont.				
Chatham Gardens, Hoxton, Boys'.	270	128	1	5 19 0
Chatham Gardens, Hoxton, Girls'.	280	166	1	6 18 3
Church Street, Hoxton.	373	296	—	8 17 11
Cranbrook Road, Bethnal Green, Boys'.	450	297	3	14 9 0
Cranbrook Road, Bethnal Green, Girls'.	300	195	—	2 14 1
Curtain Road, Shoreditch, Boys'.	270	186	2	12 14 8
Curtain Road, Shoreditch, Girls'.	180	83	1	2 13 7
Gainsboro' Road, Hackney Wick, Boys'.	250	240	1	16 17 7
Gainsboro' Road, Hackney Wick, Girls'.	203	147	1	3 17 3
Globe Terrace, Bethnal Green, Boys'.	242	223	7	11 10 1
Globe Terrace, Bethnal Green, Girls'.	220	149	3	7 2 11
Haggerston Road, Shoreditch, Boys'.	340	292	1	10 6 2
Haggerston Road, Shoreditch, Girls'.	280	208	1	5 9 8
Hamond Square, Hoxton, Boys'.	437	328	2	16 2 1
Hamond Square, Hoxton, Girls'.	300	234	—	11 2 7
High Street, Stoke Newington, Boys'.	230	200	3	11 2 1
High Street, Stoke Newington, Girls'.	180	171	7	3 7 5
Hindle Street, Shacklewell, Boys'.	160	120	—	*
Hindle Street, Shacklewell, Girls'.	150	107	2	2 2 1
Lamb Lane -	112	94	2	3 17 7
London Fields -	944	390	7	19 16 7
Maidstone Street, Haggerston, Boys'.	429	205	2	8 16 5
Maidstone Street, Haggerston, Girls'.	275	211	—	2 18 1
Newcastle Street, Bethnal Green, Boys'.	120	71	—	3 10 6
Newcastle Street, Bethnal Green, Girls'.	57	54	3	2 19 4
Nichol Street, Shoreditch, Boys'.	274	134	—	8 14 5
Nichol Street, Shoreditch, Girls.	134	97	—	3 12 11
Olga Street, Bethnal Green, Boys'.	460	348	4	16 19 2
Olga Street, Bethnal Green, Girls'.	250	133	7	4 10 7
Orchard Street, Hackney, Boys'.	235	155	—	10 8 3
Orchard Street, Hackney, Girls'.	200	134	—	5 13 5
Pritchard Road, Hackney, Boys'.	204	139	—	6 6 5
Pritchard Road, Hackney, Girls'.	200	166	5	10 15 1
Rendlesham Rd., Clapton, Boys'.	302	209	2	23 6 10
Rendlesham Rd., Clapton, Girls'.	186	106	7	4 16 1
Rushmore Road, Clapton, Boys'.	329	201	2	22 19 0
Rushmore Road, Clapton, Girls'.	242	209	—	9 4 0
Scrutton St., Shoreditch, Boys'.	175	160	—	13 17 10
Scrutton St., Shoreditch, Girls'.	250	117	—	7 3 9
Shap St., Kingsland, Boys'.	350	297	7	8 11 1
Shap St., Kingsland, Girls'.	300	233	—	10 7 3
Summerford St., Bethnal Green, Boys'.	303	240	—	14 5 3
Summerford St., Bethnal Green, Girls'.	220	217	—	5 1 5
Teesdale Street, Hackney Road, Boys'.	410	225	5	20 16 1
Teesdale Street, Hackney Road, Girls'.	400	148	1	7 7 7
Tottenham Rd., Kingsland, Boys'.	248	198	—	14 17 0

* Examination cancelled.

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
MIDDLESEX—*cont.*				
Hackney Division of London School Board—cont.				£ s. d.
Tottenham Rd., Kingsland, Girls'.	253	218	2	9 1 9
Turin St., Bethnal Green, Boys'.	460	532	2	17 15 10
Turin St., Bethnal Green, Girls'.	243	190	7	8 6 1
Wellington St., Hoxton, Boys'.	275	240	2	20 13 4
Wellington St., Hoxton, Girls'.	250	175	7	7 18 6
Wenlock Road, City Rd., Boys'.	220	125	1	6 4 9
Wenlock Road, City Rd., Girls'.	123	48	4	5 2 6
Wick Rd., Homerton.	420	250	2	3 12 0
Wilmot Street, Bethnal Green, Boys'.	508	452	3	18 10 11
Wilmot Street, Bethnal Green, Girls'.	380	342	2	10 13 3
Wolverley Street, Bethnal Green, Boys'.	300	221	3	9 17 11
Hackney, Bonner Road, Children's Home.	150	115	4	9 5 5
Hackney, St. Michael's.	321	294	3	26 5 4
Hackney, St. Michael's.	349	283	3	20 19 4
Hackney Road, Adelphi B. Boys'.	79	46	1	4 17 7
Hackney Road, Adelphi B. Girls'.	80	58	3	3 1 0
Hackney Road, Weymouth Terrace B.	210	131	7	4 9 3
Hackney (South), Percy Road N.	180	177	3	10 0 1
Hackney (West), Boys' N.	130	101	1	5 14 6
Hackney (West), Girls' N.	41	38	1	2 9 10
Haggerston, St. Columba's.	125	65	1	2 15 6
Haggerston, St. Mary's N.	150	108	—	4 0 10
Hammersmith, Latymer Foundn.	187	178	—	8 17 4
Hammersmith, St. John's N., Boy's.	141	80	2	10 18 1
Hammersmith, St. John's N., Girls'.	61	45	9	3 16 11
Hammersmith, St. Matthew's N.	120	87	3	4 12 1
Hammersmith, St. Paul's N.	121	93	—	7 12 2
Hampstead, Ch. Ch.	85	77	2	6 18 1
" Heath St. B.	89	60	4	7 9 10
Hampstead, Rosslyn Hill B.	90	51	1	2 15 11
Hampstead, St. Stephen's.	80	49	1	2 3 3
Hampton, English	120	81	1	7 8 3
" Wick "	43	41	—	6 6 3
Hanworth	112	85	—	2 15 0
Harefield, C. E.	157	73	—	1 16 8
Harrow-on-the-Hill	37	34	—	2 9 10
Haverstock Hill, Orphan Working.	206	169	1	21 3 1
Haverstock Hill, St. Andrew's.	500	248	4	6 12 5
Hendon, B.	90	51	3	4 13 8
Heston	176	139	5	3 16 2
" *Isleworth Spring Grove.*	143	75	3	3 18 10
Highgate	85	60	2	6 11 4
" St. Peter's Girls'.	30	26	—	1 1 4
Hillingdon, Boys'.	130	88	4	4 14 11
Holborn, St. Alban's Boys'.	150	111	—	3 17 8
Holborn, St. Alban's Girls'.	160	51	1	2 15 11
Holborn, St. Andrew's Charity.	120	89	—	7 16 8
Holborn, St. George the Martyr, Boys'.	130	85	—	4 9 8
Holborn, St. George the Martyr, Girls'.	95	49	2	3 1 11
Holborn, St. John's Kingsgate Street.	160	140	9	7 16 3
Holborn, St. Sepulchre's Par.	80	73	—	3 8 2
Holloway, Drayton Park Wes.	280	194	11	15 0 5
Holloway, Royal Caledonian Asylum.	66	61	1	3 7 0
Holloway, St. Barnabas'.	480	372	2	25 5 8
Holloway St. John's N.	160	108	—	13 8 2
Home and Colonial Model and Prac.	180	136	15	9 8 3
Home and Colonial Reynold's Prac.	130	79	—	3 7 11
Home and Colonial Upper Prac.	110	72	1	4 7 8
Homerton, Ch. Ed. Wes.	370	213	3	14 16 3
Homerton, Prac. Sch. Boys'.	240	157	2	12 19 9
Homerton, Prac. Sch. Girls'.	125	73	4	5 19 8
Hornsey, Crouch End.	140	112	—	4

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	£ s. d.
MIDDLESEX—*cont.*				
Hornsey, N. - -	300	249	2	8 5 2
„ Rd. Wes.	280	195	6	25 19 6
„ *Wordsworth Rd.*	493	492	1	25 12 2
Hoxton, Ch. Ch. and St. Saviour's, Boys'.	193	147	—	9 4 7
Isleworth, End. Boys'	208	133	—	7 1 6
„ End. Girls'.	90	65	—	2 3 1
Islington, St. Bartholomew's, Boys'.	150	76	1	4 19 8
Islington, St. Jude's Boys'.	202	184	—	7 14 4
Islington, St. Mary's Chapel of Ease Par.	180	174	—	11 17 3
Islington, St. Mary's N.	246	155	—	5 11 3
Islington, St. Philip's Boys'.	114	106	—	8 14 0
Islington, St. Philip's Boys'.	114	113	—	6 10 3
Islington, St. Philip's Girls'.	80	74	—	5 1 6
Islington, St. Philip's Girls'.	60	53	—	2 8 3
Islington, St. Thomas' N.	427	251	2	11 9 3
Islington, Holy Trinity N.	480	320	11	18 10 0
John's Wood (St.), Richmond Street, R. C.	77	67	2	3 19 2
John's Wood (St.), St. Stephen's N.	157	129	3	8 13 2
Kensington, SS. Barnabas and Philip, Boys'.	134	120	2	4 4 3
Kensington, St. Clement's N.	268	195	4	7 9 10
Kensington, St. Mary Abbots, N.	255	176	1	8 6 7
Kentish Town, Cong. B.	150	112	—	14 1 8
Kentish Town, Islip Street, Boys' N.	135	73	7	7 19 2
Kentish Town, Islip St. Girls' N.	90	54	—	2 17 0
Kentish Town, Leighton Rd. Wes.	210	112	3	6 0 9
Kentish Town, Wilkin Street, Training.	77	39	—	2 13 6
Kilburn, St. Mary's N.	86	41	1	8 1 4
Knightsbridge, All Saints' N.	100	58	2	5 2 0
Lalcham, N. - -	40	34	—	2 16 8
		36	—	2 4 9
		146	9	5 8 1

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MIDDLESEX—*cont.*				
Lincoln's Inn Fields, Gate Street R. C. Boys'.	34	21	12	2 6 3
Lincoln's Inn Fields, Gate Street R. C. Girls'.	40	24	—	1 17 4
Lisson Grove, St. Paul's.	403	258	8	10 5 8
Islington, Pentonville, B.	250	146	5	6 7 2
Luke's (St.), Old St. Par.	210	130	5	5 16 9
Martin's (St.), Adelaide Place, N.	150	79	—	3 10 9
Martin's (St.), Northern District, N.	130	87	4	7 9 0
Marylebone Division of London School Board :—				
Aldenham St., Boys'.	341	188	1	12 2 1
Aldenham St., Girls'.	330	188	2	6 6 2
Amberley Road, Boys'.	313	301	1	10 13 1
Barrett St., Manchester Square, Boys'.	100	92	—	5 1 7
Barrett St., Manchester Square, Girls'.	145	118	2	0 17 9
Barrow Hill Rd., Portland Town, Boys'.	140	115	2	10 1 4
Barrow Hill Rd., Portland Town, Boys'.	180	99	1	5 3 1
Barrow Hill Rd., Portland Town, Girls'.	100	66	4	3 6 6
Barrow Hill Rd., Portland Town, Girls'.	120	69	3	2 11 9
Bell St., Edgware Road, Boys'.	154	139	1	3 8 0
Bell St., Edgware Road, Girls'.	127	113	1	2 12 9
Camden St. Boys'	345	225	2	13 2 2
„ Girls'	209	168	6	9 14 11
Fleet Rd., Hampstead.	910	674	8	29 7 7
Gray's Inn Road, Trinity, Boys'.	170	74	—	4 16 8
Gray's Inn Road, Trinity, Boys'.	211	94	4	3 19 3
Gray's Inn Road, Trinity, Girls'.	70	63	1	2 9 7
Gray's Inn Road, Trinity, Girls'.	74	58	—	2 16 10
Great College Street Boys'.	281	135	1	7 19 11
Great College Street Girls'.	267	196	3	5 7 2

Instruction in Drawing in Elementary Day Schools—*continued.*

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MIDDLESEX—*cont.*				
Marylebone Division of London School Board—cont.				£ s. d.
Henry St., Hampstead Rd. Boys'.	150	123	—	10 9 7
Henry St., Hampstead Rd. Girls'.	76	68	5	1 16 8
Haverstock Hill, Truro Street.	830	647	—	51 18 6
Haverstock Hill, Truro Street.	869	508	—	34 1 0
Hawley Crescent, Boys'.	320	158	4	15 16 3
Hawley Crescent, Girls'.	200	86	4	5 12 5
Manchester St., Argyle Square, Boys'.	290	152	6	7 15 0
Manchester St., Argyll Square, Girls'.	120	95	—	2 12 1
Mansfield Place, Kentish Town, Boys'.	500	340	1	29 2 11
Mansfield Place, Kentish Town, Girls'.	240	204	1	9 17 7
Medburn Street Boys'.	393	322	3	32 3 9
Medburn Street, Girls'.	200	193	2	11 10 5
Netley St. Boys' -	100	79	2	6 3 11
Nightingale Street Boys'.	175	153	3	6 13 4
Nightingale Street Girls'.	150	125	2	3 4 1
Stephen St., Lisson Grove, Boys'.	295	180	—	7 18 6
Stephen St., Lisson Grove, Girls'.	200	143	9	5 11 11
Whitfield Street, Tottenham Court Road, Boys'.	195	183	1	11 9 6
Whitfield Street, Tottenham Court Road, Girls'.	120	79	4	2 17 6
York Road, Camden Town, Boys'.	200	142	1	8 8 3
York Road, Camden Town, Girls'.	221	144	4	4 4 10
Marylebone, Central Nat.	350	219	2	14 16 7
Marylebone, Central Girls'.	65	63	—	4 0 0
Marylebone, Ch. Ch. Boys'.	170	136	7	8 19 11
Marylebone, Eastern, All Souls'.	284	200	—	8 11 0
Marylebone, Hampden Gurney, Boys'.	323	222	5	21 16 1
MIDDLESEX—*cont.*				£ s. d.
Marylebone, Hampden Gurney, Girls'.	250	152	7	8 3 3
Marylebone, Portland B. Boys'.	132	85	2	9 7 8
Marylebone, Portland B. Girls'.	90	46	—	2 9 2
Marylebone, St. Cyprian's, Dorset Square.	78	38	—	2 0 8
Marylebone, St. George's, Hanover Square.	129	102	1	5 3 5
Marylebone, St. James' R. C.	90	62	1	4 17 5
Marylebone, St. Luke's, Boys'.	90	51	—	2 15 9
Marylebone, St. Mark's N., Hamilton Terrace.	95	41	2	5 5 6
Marylebone, Trinity	214	116	—	4 1 9
" Western N.	240	217	1	9 0 9
Mayfair, Curzon St.	160	114	5	10 4 6
" "	158	121	3	8 3 4
Mile End, Stepney Green.	386	269	9	14 6 1
Mile End, Stepney Green.	300	184	5	10 8 5
Millwall, St. Luke's Boys'.	162	112	—	6 2 9
Millwall, St. Luke's Girls'.	122	90	4	3 1 7
Norwood, St. John's	36	29	—	2 8 7
Notting Hill, St. James'.	109	88	5	6 3 3
Notting Hill, St. John's.	240	189	2	7 12 5
Notting Hill, St. Mark's	130	108	—	4 13 9
Paddington, All Saints' Boys'.	60	41	—	2 9 0
Paddington, All Saints' Boys'.	50	36	—	3 2 1
Paddington, All Saints' Girls'.	60	36	—	1 0 3
Paddington All Saints' Girls'.	75	40	—	0 3 2
Paddington, St. James'.	155	82	1	3 12 1
Paddington, St. John's.	165	94	2	7 19 10
Paddington, St. Luke's.	190	77	4	3 11 1
Paddington, St. Mary Magdalene.	120	120	—	5 7 4
Paddington, St. Michael's, N.	294	245	—	10 17 0
Paddington, St. Paul's.	203	124	3	10 4 5
Paddington, St. Peter's.	150	114	1	6 5 10
Paddington, S Saviour's Boys'.	172	139	7	14 13 11

Instruction in Drawing in Elementary Day Schools—*continued.*

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				£ s. d.
MIDDLESEX—*cont.*				
Paddington, St. Saviour's Girls'.	135	80	1	2 7 4
Paddington, St. Stephen's.	117	115	2	9 10 8
Paddington, Holy Trinity.	133	120	2	9 2 11
Pancras (Saint) All Saints', Gordon Square.	84	44	1	—
Pancras (Saint) Ch. Ch., Albany St.	174	137	1	6 13 5
Pancras (Saint) St. John's.	500	160	1	8 13 8
Pancras (Saint) St. Mark's.	152	113	1	4 11 9
Pancras (Saint) St. Matthew's.	196	155	6	13 17 3
Pancras (Saint) Lancing Street.	64	52	—	3 6 10
Pancras (Saint) St. Peter's N.	165	148	2	5 19 3
Pancras, (St.) Holy Trinity, Kentish Town.	133	79	4	9 11 5
Pentonville, St. James'.	65	40	1	3 2 7
Pimlico, St. Barnabas'.	143	104	—	4 16 3
Pimlico, St. Gabriel's Boys'.	275	169	2	9 19 6
Pimlico, St. Gabriel's Girls'.	201	158	1	2 13 10
Pimlico, St. Michael's N.	380	158	2	10 6 0
Pimlico, St. Peter's	328	271	9	12 8 3
„ Warwick St. Wes.	375	191	6	17 19 11
Poplar, Hale Street Wes.	220	130	6	11 12 1
Poplar, High Street, N.	100	47	—	4 4 1
Poplar, St. Mary's	300	201	—	11 0 6
„ St. Matthias'	260	203	5	8 15 10
„ St. Saviour's	140	127	1	6 8 8
„ St. Stephen's	97	80	2	2 5 6
Portman Chapel, Boys'.	155	132	6	13 0 5
Portman Chapel, Girls.'	188	171	11	6 11 0
Portman Square, St. Thomas'.	170	82	—	4 2 2
Radnor St. Wes.	133	119	4	6 2 6
Shepherd's Bush, St. Stephen's.	218	96	2	6 14 5
Shoreditch, Mintern Street Wes.	530	289	8	21 0 11
Somers Town, St. Mary's N.	150	96	1	2 14 9
Southall St., Marylebone.	170	98	—	4 10 0
Southgate C. E.	156	72	2	2 14 3
„ „	132	93	1	2 11 7
Staines N.	140	102	5	8 9 9
Stamford Hill, N.	98	59	—	7 7 0
Stanmore (Great) N.	54	43	2	4 5 0
Stepney, Jewish	72	46	2	4 1 6
„ Ratcliff Day.	266	198	2	16 5 7
Stepney, St. Luke's N.	254	194	5	11 4 1
Stepney, St. Peter's N.	100	71	5	5 16 2
Stepney, St. Thomas N.	150	124	1	10 15 1
Stepney, Holy Trinity N.	130	97	1	6 10 4
Stoke Newington, Pennefather Memorial.	260	177	1	3 9 7
Strand, St. Clement Danes'.	250	183	—	7 2 10
Tollington Park, St. Mark's N.	231	157	1	6 17 6
Tottenham, *Bruce Grove, Boys'.*	120	87	—	6 3 8
Tottenham, *Coleraine Park Boys'.*	274	148	2	13 8 7
Tottenham, *Coleraine Park Girls'.*	133	105	2	2 13 9
Tottenham, *Love Lane Boys'.*	60	37	1	1 14 5
Tottenham, *St. Ann's Crescent.*	170	120	1	9 2 0
Tottenham, *West Green.*	67	56	1	2 1 9
Tottenham, *Wood Green, Boys'.*	162	151	—	6 1 0
Tottenham, Church Rd. Lancasterian.	42	40	2	4 16 8
Tottenham, Boys' N.	52	41	2	8 10 3
„ Prac.	127	56	—	3 17 10
„ St. Paul's Girls'.	80	61	—	4 6 7
Tower Hamlets Division of London Sch. Board:—				
Baker St., Boys', Stepney.	220	165	—	15 16 11
Baker St., Girls', Stepney.	170	95	1	6 1 9
Ben Jonson, Stepney.	908	679	—	27 5 1
Berner St. Boys'	182	80	1	5 2 0
„ *Girls'*	221	105	—	2 17 2
Brewhouse Lane, Wapping.	61	49	1	2 8 2
Broad St., Ratcliff, Boys'.	360	298	—	12 0 2
Broad St., Ratcliff, Girls'.	210	165	12	5 0 8
Brunswick Road, Poplar.	240	232	2	7 5 11
Buck's Row, Whitechapel, Boys'.	166	102	—	3 10 0

Instruction in Drawing in Elementary Day Schools—*continued*.

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
MIDDLESEX—*cont.*				
Tower Hamlets Division of London Sch. Board—cont.				
Buck's Row, Whitechapel, Girls'.	134	52	—	2 6 0
Burdett Road, Mile End.	320	200	—	4 8 6
Byron Street, Poplar Boys'.	420	343	1	25 17 11
Byron Street, Poplar Girls'.	200	125	8	5 8 7
Cayley St., Limehouse Boys'.	380	122	—	—*
Cayley St., Limehouse Girls'.	287	145	6	—*
Chicksand Street, Mile End Boys'.	180	119	1	4 8 11
Chicksand Street, Mile End, Girls'.	100	64	—	2 3 8
Collingwood St., Ratcliff, Boys'.	55	30	—	0 13 2
Collingwood St., Ratcliff, Girls'.	61	49	1	0 15 2
Dalgleish Street, Limehouse, Boys'.	160	99	—	7 11 8
Dalgleish Street, Limehouse, Girls'.	80	80	—	2 1 5
Essex St. Stepney, Boys'.	275	175	—	10 3 3
Essex St., Stepney, Girls'.	220	100	—	2 11 1
Fairfield Road, Bow, Boys'.	255	206	2	7 19 4
Fairfield Road, Bow, Girls'.	140	123	1	4 11 11
Garden St., Stepney, Boys'.	206	183	2	17 0 2
Garden St., Stepney, Girls'.	200	12	6	2 14 6
Glengall Road, Cubitt Town, Boys'.	200	131	—	9 12 1
Glengall Road, Cubitt Town, Girls'.	180	85	—	1 18 11
Hanbury Street, Boys'.	200	157	—	11 9 9
Hanbury Street, Girls'.	180	120	—	2 15 9
High St., Bromley, Boys'.	417	230	—	10 15 2
High St., Bromley, Girls'.	190	160	—	4 13 10
High St., Shadwell, Boys'.	174	93	1	5 0 4
High St., Shadwell, Girls'.	120	96	2	1 16 6
Knapp Road, Bromley, Boys'.	460	327	2	16 17 10
MIDDLESEX—*cont.*				
Tower Hamlets Division of London Sch. Board—cont.				
Knapp Rd., Bromley, Girls'.	300	211	4	7 18 0
Lower Chapman St., Boys'.	222	140	—	9 12 7
Lower Chapman St., Girls'.	100	99	—	0 1 6
Manchester Road, Cubitt Town, Boys'.	160	120	—	3 9 11
Manchester Road, Cubitt Town, Girls'.	176	117	—	5 2 10
Marner Street, Bromley, Boys'.	294	228	2	10 1 0
Millwall British St. Boys'.	230	190	—	6 10 0
Millwall British St. Girls'.	125	115	—	1 15 8
Morris Rd., Poplar, Boys'.	330	266	2	15 8 10
Morris Rd., Poplar, Girls'.	110	73	—	3 15 11
North Bow, Boys'	420	319	4	18 7 3
" *Girls'*	500	224	11	10 10 11
Northey Street, Stepney, Boys'.	372	155	—	8 19 7
Northey Street, Stepney, Girls'.	96	73	—	3 18 5
Old Castle Street, Whitechapel, Boys'.	320	214	—	8 8 5
Old Castle Street, Whitechapel, Girls'.	280	194	—	2 17 0
Old Ford, Atley Road, Boys'.	392	267	4	13 1 1
Old Ford, Atley Road, Girls'.	445	190	6	7 15 10
Ricardo St., Poplar, Boys'.	303	199	2	4 2 9
Ricardo St., Poplar, Girls'.	240	237	2	6 1 4
St. John's, Limehouse, Boys'.	150	135	2	10 0 8
St. John's, Limehouse, Girls'.	140	85	—	5 18 9
St. Paul's Rd., Bow Common, Boys'.	350	202	3	13 18 11
St. Paul's Rd., Bow Common, Girls'.	270	174	—	3 3 3
Settle Street, Stepney, Boys'.	320	185	—	9 8 1
Settle Street, Stepney, Girls'.	450	173	2	6 10 5
South Grove, Mile End, Boys'.	230	226	4	12 0 9
South Grove, Mile End, Girls'.	220	158	—	7 15 0
Thomas Street, Limehouse, Boys'.	450	440	2	47 18 9

* Examination cancelled.

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
MIDDLESEX—*cont.*				
Tower Hamlets Division of London Sch. Board—cont.				
Thomas Street, Limehouse, Girls'.	481	348	3	18 10 10
Turner Street, Stepney, Boys'.	150	91	—	6 11 4
Turner Street, Stepney, Girls'.	90	64	1	1 3 3
Upper North St., Poplar, Boys'.	234	203	—	16 0 4
Upper North St., Poplar, Girls'.	172	144	1	10 15 3
Wood St., Spitalfields, Boys'.	115	97	—	6 10 1
Wood St., Spitalfields, Girls'.	50	34	2	0 15 4
Woolmore Street Poplar, Boys'.	250	149	—	9 11 5
Woolmore Street Poplar, Girls'.	220	145	3	6 13 8
Tower Hill, Great PrescottStreet,R.C.	70	56	—	6 3 7
Tower Hill, St. Botolphs.	100	55	—	4 17 8
Wapping, Gravel Lane Wes.	120	85	—	5 4 11
Westbourne, N. -	790	596	7	45 6 6
Westbourne Park, St. Andrew's.	70	55	3	2 5 11
Westminster Division, London Sch. Board:—				
Hart St., Covent Garden, Boys'.	180	123	1	7 11 9
Hart St., Covent Garden, Girls'.	118	88	5	4 19 2
Horseferry Road Westminster, Boys'.	240	172	1	18 1 4
Horseferry Road, Westminster, Girls'.	220	90	6	4 8 10
James' St., Buckingham Gate, Boys'.	171	100	—	4 9 2
James' St., Buckingham Gate, Girls'.	102	44	2	0 18 5
Pulteney St., Soho, Boys'.	300	226	—	13 6 3
Pulteney St., Soho, Girls'.	250	170	—	5 11 11
Vere Street, Westminster, Boys'.	180	112	—	2 14 6
Vere Street, Westminster, Girls'.	140	76	—	2 0 9
Westminster, Audley St. (North) St. Mark's.	120	81	—	5 7 6
Westminster, Blue Coat, N.	95	83	—	8 8 0
Westminster, Ch. Ch.	84	48	1	2 14 0
MIDDLESEX—*cont.*				
Westminster, St. Anne's, Soho, Boys'	223	177	2	13 11 1
Westminster, St. Anne's, Soho, Girls'.	180	116	—	3 11 6
Westminster, St. James' N. Boys'.	162	113	2	5 3 2
Westminster, St. James' N. Girls'.	150	98	—	2 5 6
Westminster St. James-the-Less.	204	183	4	8 1 8
Westminster, St. Margaret's.	122	96	—	2 18 4
Westminster, St. Matthew's N.	80	50	—	0 14 3
Westminster, St. Paul's, Knightsbridge.	114	98	3	4 14 10
Westminster, St. Peter's, Haymarket.	250	155	—	3 11 3
Westminster, St. Stephen's Boys'.	290	281	—	24 3 3
Westminster, St. Stephen's Girls'.	189	115	6	5 7 11
Westminster, Trinity Boys'.	82	75	2	3 8 1
Westminster, Prac. Boys'.	235	135	—	6 9 2
Westminster, Prac. Girls'.	200	103	—	7 1 9
Westminster, Prac. Model.	82	82	—	3 7 6
Whitechapel, East London Industrial.	119	61	—	2 1 10
Whitechapel, St. Jude's.	90	52	4	1 1 1
Whitechapel, St. Mark's.	78	58	—	2 11 7
Whitechapel, St. Paul's.	70	56	1	4 3 8
Whitelands, Prac. -	315	217	5	13 6 0
Wood Green, St. Michaels.	100	66	—	5 14 0
MONMOUTHSHIRE.				
Aberystruth, *Pontygof.*	80	74	1	4 5 1
Abergavenny, Hereford Road, N.	106	104	2	9 8 0
Abergavenny, Victoria Street, B.	100	72	1	5 16 4
Abertillery, B. -	98	60	4	4 15 7
Bedwellty, *Ebbw Vale.*	90	67	3	4 8 8
Bedwellty, *Lower Rhymney.*	165	138	12	18 10 2
Bedwellty, *Middle Rhymney.*	142	100	12	16 9 3
Bedwellty, *Upper Rhymney.*	110	51	4	1 18 2
Bedwellty, *Tredegar (Earl Street).*	220	194	12	8 16 3

Instruction in Drawing in Elementary Day Schools—*continued.*

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				£ s. d.
MONMOUTHSHIRE—*cont.*				
Bedwellty, *Tredegar (George Town).*	241	114	4	3 12 11
Blaenavon, Park St., B.	120	69	3	4 1 1
Blaenavon, Wes.	68	54	4	4 3 9
Chapel Hill and Tintern Parva.	50	50	—	0 11 6
Gilwern	113	52	1	0 12 8
Goytrey, B.	43	18	1	1 8 8
Llanfrechfa, Lower N.	66	31	—	0 18 10
Llanfrechfa, *Croes-y-Ceilog.*	46	33	1	0 17 8
Maindee, *Chepstow Road.*	220	197	3	16 11 11
Maindee, *Lliswerry*	60	33	2	3 1 9
Govilon, B.	35	33	1	1 2 0
Newbridge	54	50	4	3 16 6
Newport, *Clarence Street.*	170	135	1	5 14 5
Newport, *Stow Hill.*	72	47	—	4 11 9
Newport, St. Paul's Boys' N.	180	159	3	8 3 7
Newport, N.	180	150	8	3 13 8
" St. Woolo's Boys'.	230	122	2	7 12 6
Newport, St. Woolo's Girls'.	141	61	4	3 10 10
Pillgwenlly, Holy Trinity, C. E.	142	115	2	4 16 2
Pontnewyndd	250	179	5	10 10 5
Pontymister	93	80	3	3 12 4
St. Arvans, N.	43	15	1	0 5 5
Skenfrith, *Garway*	69	34	1	2 12 1
" *Grosmont*	40	37	—	2 5 8
" *Norton's Cross.*	69	48	1	3 6 4
NORFOLK.				
Cley-on-Sea	65	49	1	5 6 7
Cromer, Goldsmith's Free.	86	56	—	3 7 11
Dereham (East)	96	72	4	8 19 2
Diss, *Victoria Road*	80	56	2	4 15 10
Gresham	92	48	3	0 8 0
Heigham, St. Philip's.	170	115	4	6 2 0
Holt	63	54	3	3 16 6
King's Lynn All Saints' Boys'.	100	71	—	6 17 11
King's Lynn, B.	140	117	—	5 18 1
Lakenham, N.	148	132	3	5 17 6
Langham, Epis.	19	14	2	1 7 10
Norwich, *Crook's Place.*	400	301	7	17 1 0
Norwich, *Heigham Street.*	230	204	2	18 7 7
Norwich, *Old Meeting.*	125	75	4	5 15 9
Norwich, *Old Meeting.*	100	48	2	3 7 6
NORFOLK—*cont.*				
Norwich, *Quayside*	120	73	—	7 2 2
" *St. Augustine's.*	617	376	4	36 3 0
Norwich, *Silver Rd.*	100	61	1	4 14 3
" *Surrey Road.*	233	171	5	10 7 1
Norwich, *Thorpe Hamlet.*	159	92	1	3 12 9
Norwich, Model Boys'.	240	174	4	13 17 3
Norwich, Model Girls'.	175	150	5	11 15 10
Overstrand, C. E.	44	32	—	0 9 3
Redenhall, N.	40	32	1	3 2 8
Runham, *Vauxhall*	60	24	2	4 10 1
Sandringham and West Newton.	60	35	—	2 5 1
Sprowston, C. E.	100	64	2	—
Swaffham, N.	79	69	1	4 18 5
Thetford	200	109	4	7 7 0
Thorpe (St. Andrew's).	50	32	1	1 10 11
Walsham (North)	130	63	4	3 15 0
Winterton	120	54	2	3 13 2
Wymondham, *Central.*	77	42	4	5 8 1
Yarmouth (Great), *Gorleston.*	250	195	4	9 10 6
Yarmouth (Great), *Trafalgar Road.*	200	124	4	14 12 10
Yarmouth (Great), Children's Hospital.	150	109	8	6 19 10
Yarmouth (Great), Gourlay Wes.	99	83	3	6 5 10
Yarmouth (Great), St. George's Rd., B.	280	158	6	13 17 6
Yarmouth (Great), St. James' N.	127	84	—	5 11 1
Yarmouth (Great), St Nicholas' Boys'.	364	267	6	27 13 0
Yarmouth (Great), St. Nicholas' Girls'.	100	79	3	6 4 11
NORTHAMPTONSHIRE.				
Banbury (South), C. E.	147	84	2	3 2 4
Byfield, Par.	70	46	3	0 2 5
Corby, B.	85	23	1	1 9 2
Ecton	91	74	3	7 3 9
Moulton	132	60	2	1 14 5
Northampton, Kettering N.	380	258	—	12 2 7
Northampton, All Saints' N.	260	186	3	5 2 4
Northampton, St. Giles' Par.	63	56	1	2 14 0
Oundle, B.	100	72	1	3 1 5
Peterborough, Boys' B.	280	230	3	9 2 0
Peterborough, Girls' B.	150	89	2	2 7 7

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NORTHAMPTONSHIRE—*cont.*				
Peterborough, Central Boys' N.	220	216	3	3 12 1
Peterborough, New England.	120	93	5	3 2 8
Peterborough. College Sch.	165	150	—	10 11 1
Raunds, N. - -	223	74	6	4 19 9
„ Wes. - -	95	63	4	3 13 11
Ringstead, C. E. -	53	32	3	2 17 3
Rothwell, B. - -	66	61	3	5 13 3
Silverstone, Wes. -	40	25	5	0 4 0
Waybourne (U. D.) *Kelling.*	51	38	1	2 7 9
Welford and Sulby, End.	35	20	3	0 13 5
Wellingborough, *Broad Green.*	98	76	2	5 19 8
Wellingborough, *Broad Green.*	132	81	2	4 10 4
Wellingborough, *Park Street.*	135	91	1	5 5 8
Wellingborough, *Park Street.*	70	60	2	4 2 3
Wellingborough, *Victoria.*	73	53	3	4 13 9
Wellingborough, All Saints' N.	246	89	4	8 1 1
Wellingborough, Freeman's End.	111	106	3	5 8 2
Wellingborough Third Grade.	74	72	1	10 15 10
Werrington, N. -	96	88	1	2 3 7
Winwick, C. E. -	29	27	—	0 19 10
Wollaston - -	70	60	3	7 9 8
Woodstone, C. E. -	63	37	3	3 12 3
NORTHUMBERLAND.				
Allendale, *St. Peter's*	25	24	1	4 13 3
Allenheads - -	54	53	2	12 3 0
Alnmouth - -	36	35	—	2 12 0
Alnwick, N. - -	140	103	8	16 4 5
Amble, C. E. - -	51	39	2	2 18 10
Bamburgh, C. E. -	82	30	1	3 6 9
Bedlington, C. E. -	200	148	3	14 19 1
„ -	225	153	3	12 0 10
Belford, N." - -	70	51	3	4 4 7
„ Pres. - -	66	60	—	3 4 8
Berwick-on-Tweed, Boys' B.,	250	147	4	14 2 2
Berwick-on-Tweed, Boys' N.	88	73	4	3 13 0
Brides Hill, B. -	47	44	2	3 3 9
Burradon Colliery -	250	213	—	11 1 7
Chevington - -	45	33	1	2 16 2
Choppington Colry.	158	135	5	12 13 3
Deanraw B. - -	89	55	—	3 9 6
Ellingham, C. E. -	64	50	—	3 18 4
Featherstone, C. E. -	44	29	3	2 8 6
Haltwhistle, Fair Hill.	111	108	2	8 10 11
Haltwhistle, C. E., Boys'.	77	65	—	7 0
NORTHUMBERLAND —*cont.*				
Haltwhistle, C. E., Girls'.	73	69	4	3 3 2
Haydon Bridge, Gram.	115	85	5	8 0 6
Hexham - - -	200	121	—	13 14 1
Long Benton, *Dudley.*	143	115	3	9 7 11
Long Benton, *Walker-on-Tyne.*	430	197	11	11 8 5
Low Benwell - -	150	96	2	4 6 4
Milfield, Pub. - -	51	35	1	2 8 0
Murton - - -	77	69	2	3 17 5
Newcastle-on-Tyne, *Arthur's Hill.*	832	556	1	24 5 11
Newcastle-on-Tyne, *Westmoreland Road.*	1,002	729	15	68 16 9
Newcastle-on-Tyne, Bath Lane.	1,016	527	—	47 3 8
Newcastle-on-Tyne, Camden Street.	145	120	—	9 3 11
Newcastle-on-Tyne, Clarence St., Wes.	220	180	3	12 13 4
Newcastle-on-Tyne, Clergy Jubilee.	150	89	3	3 3 7
Newcastle-on-Tyne, Deaf & Dumb Inst.	50	37	—	2 15 3
Newcastle-on-Tyne, Heaton Road.	160	73	—	5 11 7
Newcastle-on-Tyne, Prudhoe Street.	100	67	2	5 14 7
Newcastle-on-Tyne, Orphan House Wes.	250	124	2	8 0 6
Newcastle-on-Tyne, *Royal Jubilee.*	271	243	—	14 12 6
Newcastle-on-Tyne, St. Andrew's N.	226	100	—	6 1 6
Newcastle-on-Tyne, St. Mary's.	320	278	3	27 11 1
Newcastle-on-Tyne, St. Nicholas'.	114	49	1	3 1 6
Newcastle-on-Tyne, St. Thomas' N.	180	87	7	9 4 4
Norham-on-Tweed, Mixed.	72	45	—	2 1 9
Ponteland, End. -	57	32	2	2 19 2
Prudhoe (Low), N.	73	42	1	2 9 3
Shankhouse B. -	87	75	3	5 8 6
Shieldfield, Ch. Ch. -	469	336	10	18 17 9
Shields (North), *Chirton, Mixed.*	56	31	—	0 16 0
Shields (North), *Cullercoats.*	183	88	1	5 4 1
Shields (North), *Eastern.*	156	120	7	6 17 8
Shields (North), *Royal Jubilee Boys'*	250	164	2	11 16 2
Shields (North), *Trinity.*	88	87	1	5 14 4
Shields (North), *Western Boys'.*	170	13	4	10 13 9

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NORTHUMBERLAND —*cont.*				
Shields (North), *Western Girls'.*	210	173	2	8 8 2
Shields (North), Ch. Ch.	307	216	—	13 3 7
Shields (North), Howard Street. Presbs.	281	190	3	8 13 0
Shields (North), Kettlewell's.	230	176	2	7 1 11
Shields (North), St. Cuthbert's, R. C.	90	56	4	7 9 4
South Gosforth, *Coxlodge.*	251	177	2	15 9 2
Tynemouth, Middle Class Elem.	137	99	1	5 7 0
Tynemouth, Priory N.	238	122	1	11 17 2
Wallsend, *Bewicke-*	140	105	2	7 16 5
" *Buddle -*	309	137	—	13 17 7
" *Stephenson.*	221	151	3	5 1 3
Wallsend, N. - -	70	61	2	2 13 7
Wallsend, United Meth. Free Ch.	177	164	2	8 11 8
Willington Quay, United Meth. Free Ch.	125	119	—	5 4 8
Wylam, B. - -	41	41	—	2 18 8
NOTTINGHAMSHIRE				
Beeston - - -	86	65	—	2 5 1
" Wes. - -	150	108	2	11 7 0
Burton, Joyce, N. -	48	29	2	2 0 7
Carlton, N. - -	80	40	2	2 15 2
Carrington, N. -	85	63	—	2 14 9
Chilwell, C. E. -	90	63	1	3 8 3
Eastwood, B. - -	108	101	—	6 1 8
" N. - -	172	87	7	8 16 8
Edwinstowe, N. -	96	95	—	2 1 4
Farnsfield, C. E. End.	50	50	—	2 4 8
Farnsfield, Wes. -	43	39	1	0 6 11
Gotham - - -	80	46	—	2 8 9
Greasley - - -	103	56	3	4 17 3
Kimberley, B. - -	250	213	—	12 16 6
Kirkby Folly - -	60	43	—	2 18 0
Kirkby in Ashfield, *Woodhouse.*	75	69	—	4 11 3
Lenton, N. - -	51	29	2	3 7 10
" Unsect. -	96	72	5	5 15 4
Mansfield, Clerkson	70	43	2	5 13 11
" St. John's Mixed.	84	60	4	5 11 8
Mansfield, St. Peter's N.	40	27	3	4 6 10
Mansfield, Woodhouse N.	68	48	2	4 11 8
Mansfield, Woodhouse N.	70	54	1	2 13 8
Newark, Ch. Ch. Boys'.	120	99	—	7 9 10
NOTTINGHAMSHIRE —*cont.*				
Newark, Guildhall St., Wes.	300	131	2	4 9 7
Newark, Boys' N. -	188	106	4	2 9 0
" Girls' N. -	90	50	6	2 9 11
Nottingham, *Alfreton Road.*	320	298	—	16 9 8
Nottingham, *Alfreton Road.*	350	259	—	13 7 4
Nottingham, *Bath Street.*	300	192	5	12 7 8
Nottingham, *Bath Street.*	300	202	1	8 5 0
Nottingham, *Bulwell.*	57	50	7	6 14 3
Nottingham, *Bulwell.*	56	40	4	2 7 4
Nottingham, *Coventry Rd.*	150	91	2	6 18 1
Nottingham, *Coventry Rd.*	142	101	2	4 4 4
Nottingham, *Huntingdon St.*	379	357	10	51 7 8
Nottingham, *Huntingdon St.*	231	200	6	12 8 7
Nottingham, *Old Basford.*	300	108	2	5 15 0
Nottingham, *Old Basford.*	300	99	2	2 12 3
Nottingham, *People's College.*	290	137	—	5 19 1
Nottingham, *People's College.*	206	185	—	12 16 9
Nottingham, *Queen's Walk.*	200	137	1	10 17 5
Nottingham, *Queen's Walk.*	230	124	1	3 19 3
Nottingham, *Radford.*	100	76	3	7 3 0
Nottingham, *Radford.*	70	63	2	4 8 1
Nottingham, *St. Anne's Well Rd.*	419	192	—	8 0 8
Nottingham, *Sneinton.*	350	198	5	11 19 6
Nottingham, *Sneinton.*	270	203	3	6 11 3
Nottingham, Arkwright St., Wes.	123	121	2	8 16 9
Nottingham, Blue Coat.	94	91	—	7 18 4
Nottingham, High Pavement, B.	322	222	1	23 8 9
Nottingham, St. Andrew's.	230	115	2	8 4 11
Nottingham, St. Anne's N.	250	149	8	10 1 3
Nottingham, St. Luke's Par.	147	110	—	6 19 10
Nottingham, St. Mary's.	169	129	2	6 19 11
Nottingham, St. Nicholas'.	209	106	6	7 4 7

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				£ s. d.
NOTTINGHAMSHIRE—*cont.*				
Nottingham, St. Paul's.	95	52	—	0 9 1
Nottingham, St. Saviour's.	121	102	—	4 10 8
Nottingham, Trinity.	450	248	2	18 14 4
Radford (Old), St. Peter's N.	98	79	1	6 5 7
Retford, Wes.	126	110	4	5 17 2
Sneinton, N.	323	219	6	20 15 4
Southwell, N.	98	63	3	3 11 6
Stapleford, N.	70	53	2	3 5 1
Sutton-in-Ashfield, *Forest Side.*	90	70	5	5 0 2
Sutton-in-Ashfield, *Hardwick Street.*	147	90	—	5 10 9
Sutton-in-Ashfield, Alfreton Road, N.	178	93	4	7 8 11
Upton, C. E.	25	23	—	0 8 4
Worksop, Abbey N.	260	110	5	7 16 7
OXFORDSHIRE.				
Albury and Tiddington.	30	29	—	0 1 11
Banbury, B. Boys'	122	83	3	10 6 1
" B. Girls'	170	148	—	10 1 6
" Cherwell, B.	203	199	4	7 7 1
Cowley-St. John N.	186	146	4	12 19 6
Cropredy	92	56	3	2 7 7
Culham, Prac.	74	45	—	5 12 6
Garsington, C. E.	89	51	1	1 7 11
" "	96	28	—	0 12 3
Kidmore, C.E.	65	42	—	0 14 1
Osney (New), N.	140	89	2	6 6 11
Oxford, Central	134	128	2	7 8 8
" New Inn, Hall Wes.	230	125	6	11 5 2
Oxford, Prac.	48	33	—	3 13 6
Oxford, St. Aldate's	90	70	4	4 1 7
Oxford, St. Barnabas'.	152	81	4	7 2 1
Oxford, St. Ebbe's	70	43	2	4 7 4
Oxford, St. Giles'	40	29	—	1 8 2
" SS. Philip and James.	70	45	2	4 5 4
Oxford, Holy Trinity C. E.	100	81	4	5 1 7
Wardington, N.	35	25	1	0 6 5
Witney, Wes.	155	125	—	6 6 1
SHROPSHIRE.				
Bishop's Castle, N.	75	67	—	2 14 5
Bridgnorth, Blue Coat.	62	44	—	3 17 3
Broseley, N.	77	77	—	2 6 10
Coalbrookdale Co.	132	116	2	10 6 8
Criftins, N.	60	17	1	0 18 4
Dawley	179	84	3	5 0 4
Dawley, Pool Hill	79	67	3	6 8 5
" Bank, N.	128	82	2	2 3 4
Donington, Par.	43	40	3	3 1 3
SHROPSHIRE—*cont.*				
Ellesmere	60	44	2	5 7 1
Hadley	110	102	7	13 6 7
Ironbridge, C. E.	41	35	3	2 0 10
Ketley, N.	60	50	—	2 0 1
Lawley	93	73	4	5 4 9
Leaton, Par.	35	30	—	2 5 9
Madeley, N.	150	97	2	2 3 2
" Wes.	101	99	—	2 1 11
" Wood, Wes.	67	42	1	0 14 2
Market Drayton, Wes.	40	32	1	2 11 3
Moreton Say, N.	34	19	1	1 10 10
Much Wenlock, N.	190	121	—	4 7 5
Nesscliff, C. E.	60	30	—	2 10 8
Oswestry	50	25	—	1 5 6
St. George's, N.	305	207	4	18 19 5
Sherifhales, Duke of Sutherland's.	79	54	—	3 2 2
Shrewsbury, All Saints', N., Boys'.	100	76	3	2 7 11
Shrewsbury, All Saints', N., Girls'.	82	56	—	2 12 4
Shrewsbury, Castlefields, B.	140	92	—	3 18 8
Shrewsbury, St. Alkmonds.	80	40	1	3 19 7
Shrewsbury, St. Mary's N.	100	53	2	3 1 3
Stoke, St. Milburgh Mixed.	45	23	—	0 15 5
Wellington	156	118	2	4 11 1
" Wes.	65	57	3	2 15 9
Wem, B.	63	47	1	2 6 3
Whitchurch, N.	100	51	6	3 10 8
Whittington, N.	50	17	1	1 2 2
Wombridge, N.	191	109	5	5 17 11
Wrockwardine, C. E.	57	34	5	4 9 7
SOMERSET.				
Batcombe, N.	34	23	2	3 0 5
Bath, *Cleveland Walcot.*	60	48	2	6 17 5
Bath, Bathforum, B.	120	103	—	8 18 5
Bath, Blue Coat	120	104	4	8 2 1
" Walcot Parl.	93	56	—	4 8 5
Bath, Weymouth House.	114	88	2	1 18 9
Bedminster, *Knowle*	279	229	7	17 11 1
" B.	258	194	3	6 6 9
Bedminster, N.	254	117	1	12 17 8
Bedminster, St. Paul's Par.	150	128	2	6 7 3
Bridgwater, *Eastover.*	220	141	13	10 0 0
Brislington, N.	55	33	1	0 10 8
Bristol, *Ashton Gate*	375	171	4	6 3 5
" Langton Street Wes.	254	167	3	12 15 3
Bristol, St. Mary Redcliffe, End.	300	237	4	20 18 5

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	£ s. d.
SOMERSET—*cont.*				
Bristol, "Temple Colston."	300	115	4	11 5 4
Burtle, N.	31	31	—	3 2 9
Castle Cary, N.	92	46	3	5 4 6
Chard	43	36	4	3 2 11
Cleeve (Old), Ch.	50	43	3	3 11 3
Clevedon, N.	104	65	1	4 2 11
" "	96	50	1	3 7 9
Coleford, Ch.	51	49	1	2 17 3
" "	70	55	—	1 6 3
" Wes.	130	104	2	7 13 5
" "	120	114	2	6 4 8
Eastover Par.	200	89	3	17 11 9
Frome, N.	80	49	1	2 17 0
" "	108	58	—	2 2 3
" Ch. Ch., N.	80	50	1	3 10 4
" Golden Knoll Wes.	80	66	—	4 10 1
Frome, Milk Street B.	120	102	7	13 5 7
Glastonbury, St. Benedict's, N.	29	23	2	0 16 8
Glastonbury, St. John's N.	96	78	2	3 8 10
Highbridge, N.	85	59	3	5 7 10
Ilminster	90	77	2	5 15 5
Keynsham, B.	96	36	2	3 8 2
Kilmersdon, End.	30	24	—	2 2 1
Langford Budville, N.	30	27	1	0 19 7
Leigh-on-Mendip	43	38	—	2 12 8
Lyncombe, St. Mark's.	98	75	2	6 8 2
Mells, C. E.	92	51	—	5 5 0
" "	75	53	—	3 11 5
Midsomer Norton, Wes.	90	61	2	3 16 3
Milborne Port, B.	51	42	2	3 16 6
Paulton, B.	76	58	—	2 17 10
" N.	92	69	2	3 18 9
Petherton (North), B.	45	41	4	2 2 9
Petherton (South), End.	130	51	2	4 3 11
Pill, Benevolent	100	71	4	5 16 7
Portishead, N.	139	91	3	8 8 8
Shepton Mallet, N.	200	121	7	14 16 1
Stoke, St. Gregory, N.	53	39	1	0 15 7
Ston Easton, C. E.	27	27	—	2 5 3
Street	100	68	—	3 7 9
Taunton, B.	56	43	2	0 17 6
" Trinity N."	90	42	1	2 5 9
Taunton, Unitarian	63	25	—	0 17 3
" Wes.	105	62	5	6 11 6
Tiverton-on-Avon, Par.	120	53	—	2 15 11
Wellington	100	35	2	5 8 5
" B.	150	84	2	7 19 1
Wembdon, C. E.	70	42	—	3 2 10
Weston-super-Mare, Ch. Ch. N.	220	103	—	9 13 7
Weston-super-Mare, Hopkins Street B.	150	91	2	3 9 7
Weston-super-Mare, Kingsholme Inst.	48	44	—	4 14 1
Weston-super-Mare, Knightstone Rd. N.	113	97	3	9 15 4
Widcombe, Par.	148	117	11	5 6 9
Wookey Hole	48	44	2	1 0 1
Wraxall	45	27	—	1 2 8
Yeovil	105	78	—	6 0 5
STAFFORDSHIRE.				
Amblecote, N.	130	80	4	8 18 5
Bilston, Wes., Bow Street.	306	106	1	7 2 5
Bilston, St. Luke's N.	195	108	4	4 13 0
Bilston, St. Mary's N.	65	61	2	2 15 4
Birchfield, Handsworth.	61	59	2	5 7 5
Birchfield, Handsworth.	76	52	1	2 19 7
Bloxwich, N.	170	138	—	4 16 7
Bradley, St. Martin's.	78	66	2	3 7 1
Brierley Hill, N.	160	86	2	4 15 7
Brockmoor, N.	162	55	2	2 14 4
Burntwood, *No.* 2	185	59	1	2 19 3
Burslem, *Hill Top*	200	66	3	5 6 9
" *Middleport.*	413	151	—	3 8 0
Burslem, *North Rd.*	129	94	2	3 7 5
" Swan Square Wes.	60	33	—	2 14 1
Burslem, St. John's N.	208	120	—	2 16 5
Burslem, St. Paul's, N.	350	234	—	9 6 10
Burton-on-Trent, *Branstone.*	100	91	—	4 6 9
Burton-on-Trent, *Grange Street.*	240	194	—	9 11 2
Burton-on-Trent, *Grange Street.*	330	249	4	8 3 9
Burton-on-Trent, *Guild Street. Boys'.*	207	162	1	8 8 1
Burton-on-Trent, *Guild Street Boys'.*	177	128	1	9 0 8
Burton-on-Trent, *Guild Street Girls'.*	306	268	66	21 9 10
Burton-on-Trent, *Guild Street Girls'.*	418	346	51	15 10 3
Burton-on-Trent, *Stapenhill.*	151	121	1	6 2 3
Burton-on-Trent, *Stapenhill.*	191	142	1	6 2 7
Burton-on-Trent, Mission Room.	50	50	—	1 16 4

Instruction in Drawing in Elementary Day Schools—*continued.*

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				£ s. d.
STAFFORDSHIRE—*cont.*				
Burton-on-Trent, *Stretton.*	100	68	1	3 16 8
Burton-on-Trent, *Stretton.*	90	81	—	3 8 6
Burton-on-Trent, *Uxbridge Street Boys'.*	286	185	—	13 18 9
Burton-on-Trent, *Uxbridge Street Boys'.*	301	192	—	8 3 1
Burton-on-Trent, *Uxbridge Street Girls'.*	250	159	—	9 11 1
Burton-on-Trent, *Uxbridge Street Girls'.*	260	171	—	7 3 5
Burton-on-Trent, *Victoria Rd. Boys'.*	360	263	—	14 10 5
Burton-on-Trent, *Victoria Rd. Boys'.*	315	226	—	11 1 8
Burton-on-Trent, *Winshill Boys'.*	136	92	1	8 0 5
Burton-on-Trent, *Winshill Boys'.*	150	127	—	6 13 10
Burton-on-Trent, Ch. Ch. N.	406	342	1	21 16 6
Burton-on-Trent, Trinity, N.	210	113	2	8 6 0
Cannock, *Walsall Road.*	270	224	3	6 14 4
Cannock, *Hednesford, West Hill.*	300	192	5	17 2 5
Cannock, *Rawnsley*	83	72	2	4 0 5
" N. - -	50	49	—	2 5 1
Cheadle, Boys', N.	140	95	—	3 2 7
Chesterton, N. -	60	39	4	0 19 2
Cobridge, Boys', N.	127	64	4	4 3 0
" Girls', N.	60	55	—	1 18 0
Codsall, N. - -	140	81	2	5 4 3
" " - -	160	80	1	3 6 1
Coseley, Ch. Ch. N. -	200	140	6	10 9 10
" Darkhouse Chapel B.	90	65	—	3 14 8
Coseley, Darkhouse Chapel B.	100	66	—	5 3 3
Coseley, *Mount Pleasant.*	81	76	4	4 15 1
Coseley (West), N. -	214	169	5	11 3 7
" -	218	127	4	6 10 2
Darlaston, Old Ch., Boys' N.	130	128	2	12 2 4
Darlaston, Old Ch., Girls' N.	160	120	3	6 4 1
Darlaston, Pinfold Street Wes.	331	230	5	15 11 0
Darlaston, St. George's, N.	85	72	—	4 5 6
Ettingshall, Wes. -	120	85	1	3 11 6
Gillowshaw, Brook, Wes.	180	108	2	4 8 4
Handsworth, St. James'.	160	121	—	8 9 3
STAFFORDSHIRE—*cont.*				
Handsworth (Old) N.	140	107	4	6 9 5
Handsworth (Old) N.	125	107	5	10 5 11
Hanley, *Cannon St. Boys'.*	160	121	—	4 19 0
Hanley, *Broom St. Boys'.*	165	121	1	5 5 7
Hanley, *Etruria Boys'.*	134	90	3	4 1 1
Hanley, *Great York Street Boys'.*	150	73	—	2 11 7
Hanley, N. - -	260	221	4	11 18
" Wes. - -	220	85	2	10 4 8
Harborne, *High Street.*	220	169	6	10 5 4
Harborne, *Smethwick, Brasshouse Lane.*	135	110	1	8 9 11
Harborne, *Smethwick, Corbett St.*	275	223	4	15 7 6
Harborne, *Smethwick (West).*	295	152	4	8 3 8
Harborne, N. - -	250	110	2	5 16 4
" St. John's C. E.	200	127	2	9 0 4
Hartshill, N. - -	90	67	—	4 1 10
Heathtown, N. -	223	77	—	5 2 5
Kidsgrove, N. - -	102	85	1	5 10 1
Kingswinford, *Brierley Hill, Bank Street.*	208	140	3	7 2 9
Kingswinford, *Brierley Hill, Moor Street.*	300	283	6	23 4 10
Kingswinford, *Brierley Hill, Quarry Bank.*	300	165	2	8 17 2
Kingswinford, St. Mary's N.	65	65	—	4 8 3
Leek, St. Luke's -	121	116	1	*
Norton-under-Cannock, *Ogley Hay, Boys'.*	92	81	2	3 1 5
Norton-under-Cannock, *Shelfield.*	65	50	3	4 18 6
Ocker Hill, N. -	80	70	2	5 15 7
Pelsall, Wes. - -	50	40	—	3 0 9
Penn Fields, St. Philip's.	97	64	2	3 6 8
Pensnett - - -	165	105	6	5 5 5
" N. - -	150	92	—	2 13 4
Perry Barr, Ch. Ch.	93	52	—	4 14 6
" "	130	79	—	4 3 11
Pleck and Bescot N.	90	70	—	3 3 3
Reddall Hill, End. C. E.	145	122	2	8 0 5
Reddall Hill, End. C.E.	150	97	1	4 14 7
Rocester, N. - -	96	65	4	3 11 3
Rowley Regis, *Blackheath.*	410	167	5	6 18 10

* Grant lapsed.

Instruction in Drawing in Elementary Day Schools—*continued.*

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STAFFORDSHIRE—*cont.*				
Rowley Regis, *Cradley Heath.*	330	172	—	9 11 4
Rowley Regis, *Old Hill.*	151	150	1	9 11 4
Rowley Regis, *Knowle.*	144	106	—	4 12 9
Rowley Regis, N. -	184	127	2	11 17 0
„ -	203	99	2	6 0 7
Rugeley, Boys' N. -	110	67	1	6 6 3
„ Girls' N. -	100	81	6	4 8 6
Sedgley, St. Mary's -	142	79	1	6 6 6
Shelton, N. - -	282	167	—	9 8 5
Shelton Granville, N.	150	92	1	5 13 11
Silverdale, St. Luke's N.	180	95	1	7 13 9
Smallthorne - -	220	139	5	8 7 3
„ N. -	121	84	1	2 19 10
Smethwick, Messrs. Chance's.	410	223	8	14 5 8
Smethwick, Rabone Lane Wes.	150	114	3	6 2 3
Smethwick, St. Matthew's.	153	126	—	8 2 5
Smethwick, Trinity.	200	188	—	6 1 6
Sneyd, N. - -	137	67	6	2 1 11
Stafford, B. - -	80	62	2	3 17 2
Stoke-on-Trent, *Cross Street.*	164	150	2	6 15 1
Stoke-on-Trent, *Bucknall Mixed.*	120	60	2	0 13 2
Stoke-on-Trent, All Saints.	150	67	4	2 19 11
Stoke-on-Trent, Wharf Street N.	200	144	4	8 0 8
Talke, Prim. Meth. -	120	70	—	5 10 0
„ New Road Wes.	109	51	1	3 14 11
Tamworth - -	175	134	6	9 5 7
Tettenhall, Ch. Ch. N.	102	102	—	7 11 8
Tettenhall, N. -	99	71	5	4 0 7
Tipton, *Burnt Tree*	150	90	3	5 8 0
„ „	140	90	—	2 16 1
„ *Great Bridge.*	309	163	—	7 19 8
Tipton Green -	250	230	5	13 0 11
Tipton, Great Bridge Wes.	200	168	6	12 9 11
„ Park Lane Wes.	200	141	3	10 18 10
Tipton, St. John's N.	140	80	—	3 13 9
Tipton, St. Martin's N.	122	102	—	9 0 0
Tipton, St. Paul's -	200	110	3	8 16 2
„ St. Peter's N.	60	54	—	3 8 11
Tividale (*Rowley Regis*).	178	169	5	6 5 11
Trent Vale, N. -	89	63	1	4 1 7
Tunstall, N. - -	150	52	—	0 18 3
„ Wes. -	152	109	2	4 2 2
Tutbury, Boys' -	130	109	2	6 17 5
Uttoxeter, Bradley Street N.	164	93	4	7 11 3
Uttoxeter, New Day	140	65	4	5 0 9
Walsall, *Bath Street*	200	127	2	5 7 3
„ *Butt's* -	200	109	4	5 7 6
„ *Bloxwich* -	219	124	3	10 4 9
„ Ablewell Street Wes.	220	159	4	5 8 9
Walsall, Blue Coat Boys'.	298	193	2	11 1 1
Walsall, Blue Coat Girls'.	140	87	—	4 11 1
Walsall, Centenary Wes.	52	45	3	3 9 6
Walsall, St. Mary's R. C.	90	43	—	2 13 11
Walsall, St. Peter's -	170	154	—	4 19 11
Wednesbury, *King's Hill.*	133	121	3	9 4 4
Wednesbury, *Lower High Street.*	119	63	3	5 11 9
Wednesbury, Darlaston Road B.	225	212	9	18 17 10
Wednesbury, Holyhead Road Wes.	180	141	8	8 15 5
Wednesbury, St. John's Boys'.	172	159	2	8 4 2
Wednesbury, Springhead Wes.	120	77	2	4 7 9
Wednesfield, N. -	140	57	2	1 19 4
„ Heath Town Wes.	240	151	7	6 10 1
West Bromwich, *Ebenezer.*	150	82	2	3 18 3
West Bromwich, *Gold's Hill.*	156	110	2	5 16 1
West Bromwich, *Great's Green.*	168	106	3	4 5 5
West Bromwich, *Guns Village.*	201	151	9	9 9 7
West Bromwich, *Lyng.*	370	188	3	7 8 1
West Bromwich, *Queen Street.*	280	204	1	11 13 1
West Bromwich, *Mayer's Green Girls'.*	81	66	1	2 16 1
West Bromwich, *Summit Boys'.*	126	89	—	4 19 5
West Bromwich, *Summit Girls'.*	100	91	1	2 6 10
West Bromwich, All Saints' N.	120	63	—	4 6 9
West Bromwich, Bratt Street Wes.	130	107	2	8 2 3
West Bromwich, Bratt Street Wes.	150	99	1	6 11 7
West Bromwich, Ch. Ch. N.	180	93	—	8 4 2

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				£ s. d.
STAFFORDSHIRE—*cont.*				
West Bromwich, Hill Top Wes.	212	177	6	15 12 9
West Bromwich, Hill Top St. James'.	259	154	5	12 12 10
Willenhall, *Little London.*	236	189	9	9 0 9
Willenhall, St. Giles' N.	160	117	2	3 6 2
Willenhall, Short Heath, Trinity N.	170	85	—	3 18 4
Willenhall, Short Heath, Trinity N.	80	76	—	3 8 1
Willenhall, Union St. Wes.	205	166	2	11 1 3
Wolstanton, *Brindley Ford.*	124	68	3	3 3 6
Wolstanton, *Chell* -	130	85	7	4 5 8
" *Chesterton.*	100	45	3	5 1 3
Wolstanton, *Goldenhill.*	150	46	2	3 7 0
Wolstanton, *Silverdale.*	160	62	4	7 6 6
Wolstanton, N. -	123	61	1	3 3 8
Wolverhampton, *Brickkiln Street.*	291	181	11	8 18 2
Wolverhampton, *Dudley Road.*	249	173	4	14 16 7
Wolverhampton, *Monmore Green.*	168	152	—	7 9 5
Wolverhampton, *Red Cross Street.*	519	421	16	21 16 9
Wolverhampton, *Walsall Street.*	177	139	—	12 9 6
Wolverhampton, *Willenhall Road.*	171	137	1	11 16 1
Wolverhampton, Darlington Street, Wes. Boys'.	170	130	2	8 5 6
Wolverhampton, Darlington Street, Wes. Girls'.	127	102	5	3 14 7
Wolverhampton, Orphan Asylum Boys'.	146	145	1	26 11 4
Wolverhampton, Orphan Asylum Girls	85	78	2	4 1 8
Wolverhampton, St. George's.	153	126	3	5 5 0
Wolverhampton, St. John's.	160	130	4	3 5 5
Wolverhampton, St. Jude's C. E.	135	79	—	6 0 3
Wolverhampton, St. Luke's N.	209	187	4	21 12 1
Wolverhampton, St. Mary's N.	140	102	3	8 8 1
Wolverhampton, St. Paul's.	280	185	11	9 17 6
Wolverhampton, St. Peter's.	350	217	16	18 15 9
Wordsley, Boys' N.	185	103	4	5 16 8
" Girls' N.	91	64	—	1 4 5
SUFFOLK.				
Bildeston - -	24	14	—	1 2 7
Clare - - -	70	65	5	6 15 3
Debenham, End. -	135	93	8	9 2 11
Glemsford - -	200	45	3	4 13 9
Hadleigh, B. - -	70	44	1	5 11 8
Helmingham, C. E.	120	48	2	2 13 9
Hitcham, Par. -	53	23	1	1 5 4
Ipswich, *Argyle St.*	220	143	3	6 1 2
" *Cavendish Street.*	185	113	2	6 19 2
Ipswich, *St. Mary Elms.*	143	106	3	6 15 5
Ipswich, *Wherstead Road.*	209	111	3	7 7 11
Ipswich, SS. Clement and Helen's N.	190	134	3	10 11 8
Ipswich, St. Margaret's N.	90	61	7	3 9 10
Ipswich, St. Matthew's N.	186	156	—	8 4 10
Ipswich, St. Peter's	120	83	3	2 18 4
" Turret Lane B.	220	156	2	11 9 3
Leiston, N. - -	109	73	4	4 14 7
Lowestoft, London Road B.	104	32	2	4 7 3
Lowestoft, N. - -	130	82	1	7 10 10
" St. John's	150	100	4	7 15 5
" Wes. -	120	76	2	*—
Monks, Eleigh N. -	45	25	2	0 15 9
Nayland, N. - -	93	43	6	3 7 7
Needham Market, B.	98	56	1	2 1 4
Newmarket, *St. Mary.*	122	56	3	6 1 7
Somerleyton, B. -	80	24	3	5 14 1
" -	97	26	2	5 2 0
Stanton - - -	37	26	2	2 14 4
Stoke-by-Nayland, N.	52	29	1	1 19 9
Stowmarket, B. -	80	69	1	7 0 2
" N. -	79	54	4	*—
Wickham Market, C. E.	72	60	—	2 18 9
Woodbridge, N. -	41	22	3	1 9 6
SURREY.				
Abinger, N. - -	28	28	—	2 3 7
Anerley, North Surrey District.	355	205	6	13 11 4
Barnes - - -	150	99	1	12 3 3
Barnes - - -	190	105	3	6 16 7
Battersea Grove, B. Boys'.	120	101	1	6 10 6

* Examination cancelled.

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
SURREY—*cont.*				
Battersea Grove, B. Girls'.	33	28	2	2 0 7
Battersea, St. George's C. E.	102	81	2	6 8 2
Battersea, St. John's Hill Masonic Inst.	205	153	5	12 18 2
Battersea, St. John's N.	123	118	3	4 13 8
Battersea, St. Mary's Par.	250	105	—	6 6 0
Battersea, St. Mary's Par.	200	131	—	6 14 7
Battersea, St. Peter's C. E.	130	72	—	9 12 8
Benhilton, N. - -	80	51	4	4 16 6
Bermondsey, Ch. Ch.	80	48	—	4 15 10
Bermondsey, St. Mary Magdalen N., Grange Rd.	410	384	5	21 19 1
Bermondsey, Herold's.	230	121	5	9 10 1
Bermondsey, St. James' N.	140	113	—	10 0 8
Borough Road, Model.	231	175	3	23 8 11
Brixton, St. John's N.	106	74	6	4 15 0
Brixton, St. Matthew's N.	120	69	—	5 18 1
Brixton, Holy Trinity B.	46	32	4	2 7 6
Brixton Hill, Elm Grove Wes.	180	139	—	8 16 8
Camberwell, Ch. Ch.	260	152	3	7 6 11
Camberwell, Green Coat St. Giles.	350	254	—	20 7 6
Camberwell, St. George's Boys' N.	250	170	2	12 9 11
Camberwell, St. Giles' Middle Class C. E. Girls'.	13	13	—	1 8 6
Camberwell, St. Matthew's N.	179	124	2	16 1 9
Camberwell, St. Matthew's N.	225	115	—	6 15 4
Camberwell, St. Saviour's.	65	40	2	4 4 9
Clapham, St. John's Bowyer.	175	110	—	11 14 7
Clapham, Par., Boys'	130	110	6	10 9 7
" " "	127	103	7	7 17 7
" " Girls'	158	75	—	5 11 9
" " "	159	68	—	3 10 5
Clapham, Wandsworth Road Commercial.	200	137	1	8 10 4
Croydon, *Beulah Road.*	139	69	9	6 10 3
Croydon, *Birchanger Road.*	156	106	7	9 7 7
Croydon, *Brighton Road.*	170	60	8	6 1 11
Croydon, *Mitcham Road.*	124	102	9	7 5 9
Croydon, *Oval Road*	150	108	10	8 17 2
" *Princess Road.*	218	109	11	7 2 7
Croydon, Par. Girls'	73	54	—	2 15 6
" St. James' N.	180	176	4	10 16 3
Croydon, Tamworth Road Boys' B.	380	250	—	11 14 6
" Whitgift Boys'.	130	129	1	13 16 2
Dorking, B. - -	90	83	3	9 12 10
Dulwich (East), St. John's.	180	112	—	7 0 9
Englefield Green, N.	45	33	3	2 16 6
Esher, Boys' N. -	106	60	—	2 8 9
" Girls' N. -	92	33	1	1 3 9
Farncombe, N. -	72	36	2	4 2 1
Farnham, East Street B.	90	73	—	4 3 8
Godalming, B. -	144	123	2	7 12 0
Guildford, Archbishop Abbot's.	90	90	—	9 9 11
Guildford, St. Nicholas.	63	37	3	6 12 6
Guildford, Holy Trinity.	150	111	—	4 10 6
Kennington Park, St. Agnes.	111	89	1	4 2 6
Kennington Lane, Licensed Victuallers', Boys'.	80	50	—	7 5 2
Kennington Lane, Licensed Victuallers', Girls'.	60	50	—	4 13 7
Kennington, St. James'.	160	138	1	13 10 5
Kennington, St. John's.	245	162	3	11 19 8
Kennington, St. Mark's Boys'.	230	211	3	24 12 7
Kennington, St. Mark's Girls'.	181	80	1	4 0 2
Kingston-on-Thames St. John's C. E.	84	70	2	6 10 10
Kingston-on-Thames Wood St. Boys' N.	100	52	1	3 7 2
Kingston-on-Thames Wood St. Girls' N.	90	30	2	1 19 7
Lambeth Division of London School Board.				
Albany Row, Camberwell, Boys'.	200	195	2	19 6 8
Albany Row Camberwell, Girls'.	240	79	4	3 0 7
Battersea Park, Boys'.	500	337	2	27 2 1

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
SURREY—LONDON —*cont.*				
Lambeth Division of London School Board—cont.				
Battersea Park, Girls'.	524	393	14	18 8 11
Belleville Road, Boys'.	305	192	2	13 18 7
Belleville Road, Girls'.	278	85	3	5 7 8
Bellenden Road, Boys'.	500	284	1	30 13 1
Bellenden Road, Girls'.	358	353	2	23 15 11
Beresford Street, Boys'.	470	391	3	13 19 6
Beresford Street, Girls'.	292	230	4	8 0 8
Bolingbroke Road, Boys'.	300	178	1	7 4 7
Bolingbroke Road, Girls'.	259	108	3	5 10 8
Boundary Lane, Boys'.	480	342	1	40 6 10
Boundary Lane, Girls'.	280	172	6	12 9 10
Camberwell Road, Boys'.	448	351	1	13 7 8
Camberwell Road, Girls'	256	200	2	3 4 6
Canterbury Road, Boys'.	250	203	2	15 1 0
Canterbury Road, Girls'.	270	197	2	8 6 4
Cator St. Boys' -	254	235	—	16 14 2
" *Girls'* -	300	266	1	7 17 6
Crawford Street Boys'.	120	107	1	10 18 9
Crawford Street Girls'.	96	77	—	3 14 3
Falcon Grove, Boys'.	160	91	1	8 1 4
Falcon Grove, Girls'.	120	88	2	3 0 8
Flint Street, Boys'	422	191	1	11 6 11
" *Girls'*	340	153	4	3 6 5
Garratt Lane, Boys'.	150	89	1	8 7 3
Garratt Lane, Girls'.	126	92	1	2 6 7
George Street -	245	184	—	9 2 8
Gideon Road, Boys'.	361	292	1	19 4 11
Gideon Road, Girls'.	250	236	1	15 19 7
Gipsy Road, Boys'	301	170	2	11 13 1
" *Girls'*	210	123	1	9 13 6
Gloucester Road, Boys'.	300	233	1	12 0 3
Gloucester Road, Girls'.	336	198	8	10 14 7
Harper Street, Boys'.	380	298	—	12 1 7
Harper Street, Girls'.	314	100	—	1 16 11
Holden Street, Boys'.	280	223	1	17 1 1
Holden Street, Girls'.	185	174	3	9 4 3
Hollydale Road, Boys'.	450	388	1	28 7 0
Hollydale Road, Girls'.	400	220	—	8 16 4
Horsley Street -	170	106	2	4 13 0
Jessop Road, Boys'.	434	353	4	45 4 6
Jessop Road, Girls'.	408	152	3	9 7 10
Johanna Street, Boys'.	210	108	1	5 9 10
Johanna Street, Girls'.	150	111	3	5 11 8
Landseer Street -	200	82	—	9 11 0
Larkhall Lane, Boys'.	240	201	3	13 12 3
Larkhall Lane, Girls'.	173	122	3	5 9 10
Leipsic Road, Boys'.	250	152	4	9 8 5
Leipsic Road, Girls'.	150	73	4	3 9 1
Lower Park Road, Boys'.	350	229	6	17 3 7
Lower Park Road, Girls'.	255	208	2	9 5 4
Lyham Road, All Saints'.	140	95	2	9 13 2
Lyham Road, Boys'.	268	196	1	13 7 5
Lyham Road, Girls'.	306	190	2	5 19 0
Mantua Street, Boys'.	490	248	4	10 5 3
Mantua Street, Girls'.	280	161	12	6 11 11
New Park Road -	50	49	—	2 12 10
New Road, Wandsworth Road, Boys'.	345	209	—	17 7 6
New Road, Wandsworth Road, Girls'.	200	147	2	4 17 7
Park Road -	263	129	4	12 13 2
Penrose Street, Boys'.	290	211	—	13 12 6
Penrose Street, Girls'.	250	172	2	8 18 0
Ponton Road -	90	70	—	4 2 7
Richmond Street	82	70	—	0 1 2
Salters Hill, Lower Norwood, Boys'.	260	221	—	10 12 9

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
SURREY—LONDON —*cont.*				
Lambeth Division of London School Board—cont.				
Salters Hill, Lower Norwood, Girls'.	142	70	3	3 12 10
Sleaford Street, Boys'.	296	173	—	13 12 0
Sleaford Street, Girls'.	155	122	5	2 1 2
Southampton St., Boys'.	200	164	5	8 17 9
Southampton St., Girls'.	180	111	—	2 10 4
South Lambeth Road, Boys'.	384	250	—	11 2 7
South Lambeth Road, Girls'.	250	181	3	8 16 4
Stockwell Road, Boys'.	250	198	—	21 10 2
Stockwell Road, Girls'.	200	135	—	7 15 1
Summer's Town, Boys'.	120	94	2	4 9 11
Summer's Town, Girls'.	60	26	1	0 11 9
Sumner Road, Boys'.	468	286	4	16 12 8
Sumner Road, Girls'.	210	117	10	5 0 5
Tennyson Road, Boys'.	430	220	3	25 18 7
Tennyson Road, Girls'.	238	236	2	12 7 10
Tooting Graveney, Boys'.	91	89	1	4 6 9
Tooting Graveney, Girls'.	105	63	2	3 1 7
Vauxhall Street, Boys'.	450	405	4	23 0 0
Vauxhall Street, Girls'.	491	150	7	4 7 11
Victory Place, Boys'.	314	192	2	9 8 4
Victory Place, Girls'.	226	200	6	6 5 11
Walnut Tree Walk	212	102	—	4 15 6
Warple Way, Boys'.	270	198	2	8 4 5
Warple Way, Girls'.	230	160	1	6 12 11
Waterloo Road, Boys'.	300	233	—	7 0 7
Waterloo Road, Girls'.	180	45	—	0 2 9
Westmoreland Road, Boys'.	384	268	1	23 18 7
Westmoreland Road, Girls'.	329	280	3	7 13 8
Westow Hill, Boys'.	160	103	—	4 18 2
Westow Hill, Girls'.	88	64	1	3 8 8
Winstanley Road, Boys'.	360	218	3	13 19 8
Winstanley Road, Girls'.	330	169	5	8 14 1
Wirtemburg Street, Boys'.	201	175	1	12 14 8
Wirtemburg Street, Girls'.	140	59	—	4 10 3
Woods Road Boys'	373	175	3	4 2 2
" Girls'	341	158	6	5 15 10
York Road, Addington Street Boys'.	209	169	—	3 16 10
York Road, Addington Street, Girls'.	190	108	3	4 13 6
Lambeth, Hercules Buildings.	200	164	—	9 13 0
Lambeth, Lambeth Road Wes.	170	111	—	5 9 6
Lambeth, St. Andrew's, Upper.	417	296	4	11 13 7
Lambeth, St. Mary-the-Less.	141	106	1	7 4 11
Lambeth, St. Mary-the-Less.	181	98	—	4 17 4
Lambeth, Archbishop Sumner's Memorial.	287	208	—	16 4 10
Lambeth, Trinity, Dist. N.	125	53	1	5 17 7
Lambeth (South), Wandsworth Rd., Eldon, C. E.	60	45	—	2 12 8
Lambeth, St. Stephen's.	115	97	4	4 11 4
Letherhead, N. -	50	28	1	2 8 8
" " -	40	31	2	3 1 0
Long Ditton, N. -	80	41	—	0 16 0
Malden (New) -	120	48	—	2 16 1
" C.E.	115	54	—	2 13 11
Mead Vale, B. - -	50	30	—	2 3 8
Mitcham (Lower) -	200	127	3	10 2 9
" "	160	155	2	7 12 9
Holborn Union.				
Mitcham, Merton Lane, B.	120	85	1	4 18 11
Molesey (East), N.	128	66	2	5 1 1
Newington Butts, St. Mary's.	272	197	—	12 17 5
Newington, St. Matthew's N.	253	232	6	10 15 7
Newington, Trinity, N.	172	102	11	10 7 4
Norbiton, N. - -	222	58	—	7 8 3
Norwood (Lower), Jews Hosp.	79	77	2	6 4 3

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	£ s. d.
SURREY—*cont.*				
Norwood (Lower), St. Luke's, N.	100	79	—	4 10 2
Norwood (Upper), All Saint's, N.	80	60	1	4 12 6
Norwood (Upper), St. Joseph's, R. C.	35	20	—	0 17 7
Old Kent Road, John Street Wes.	100	82	—	4 1 4
Old Kent Road, Oakley Place, Wes.	103	57	—	3 4 6
Peckham, Camden District.	150	128	—	11 15 2
Peckham, St. Mary Magdalene, N.	260	196	1	15 12 3
Peckham, Stafford Street, Wes.	520	320	6	21 3 11
Penge, St. John's Boys'.	370	232	4	19 13 10
Penge, St. John's, Girls'.	110	90	—	5 17 8
Petersham, B. - -	45	38	—	3 7 4
Putney Common, Upper.	82	54	1	5 6 5
Putney, St. Mary's N.	60	39	—	5 4 6
Redhill, St. John's N.	160	66	5	8 17 3
Reedham, Asylum -	108	97	—	10 11 4
Reigate, N. - -	113	39	—	3 11 11
„ St. Luke's	70	52	2	0 16 3
Reigate, St. Mark's	50	42	—	5 4 4
Richmond, Kew Road, Wes.	140	101	2	5 6 10
Richmond, Par. N. Boys'.	129	121	—	5 7 1
Richmond, Par. and N. Girls'.	213	134	—	7 3 6
Richmond, St. Mary Magdalene's Girls'.	150	93	4	6 6 0
Richmond, St. Mary Magdalene, Boys'.	150	89	6	10 17 9
Richmond, Vineyard Road B.	260	187	—	18 3 5
Rotherhithe, Deptford Road.	100	70	—	1 17 6
Rotherhithe, Holy Trinity N.	120	96	—	4 5 11
Shirley, N. - -	60	47	—	2 15 0
Southlands, Coll. Prac.	240	150	4	5 8 7
Southwark Division of London School Board.				
Abbey Street, Bermondsey.	120	119	—	6 17 6
Alexis Street, Bermondsey, Boys'.	360	275	1	25 19 1
Alexis Street, Bermondsey, Girls'.	250	183	6	10 12 6
Albion Street, Rotherhithe, Boys'.	270	150	—	4 11 7
SURREY—LONDON —*cont.*				
Southwark Division of London School Board—cont.				
Albion Street, Rotherhithe, Girls'.	94	90	4	5 8 7
Arnold's Place, Dockhead, Boys'.	108	84	—	0 8 8
Belvedere Place, Borough Road, Boys'.	390	107	—	9 1 2
Belvedere Place, Borough Road, Girls'.	300	100	2	4 0 2
Charles Street, Horsleydown.	150	79	—	1 0 0
Farncombe Street, Bermondsey, Boys'.	350	198	—	10 5 8
Farncombe Street, Bermondsey, Girls'.	250	127	6	7 12 0
Galley Wall Road, Bermondsey, Boys'.	460	271	2	18 12 4
Galley Wall Road Bermondsey, Girls'.	282	246	4	11 5 6
Hatfield Street, Blackfriars, Boys'.	400	213	4	6 19 1
Hatfield Street, Blackfriars, Girls'.	280	170	—	8 15 6
Holland Street, Blackfriars, Boys'.	240	166	1	11 19 4
Holland Street, Blackfriars, Girls'.	135	97	1	2 6 8
Hunter Street, Old Kent Road, Boys'.	320	226	—	5 19 8
Hunter Street, Old Kent Road, Girls'.	400	177	5	5 7 3
Keeton's Road, Bermondsey, Boys'.	350	313	2	39 17 10
Keeton's Road, Bermondsey, Girls'.	296	261	2	23 10 7
Lant Street, Borough, Boys'.	304	145	—	6 0 6
Lant Street, Borough, Girls'.	140	100	—	3 13 3
Laxon Street, Bermondsey, Boys'.	180	107	—	8 1 3
Laxon Street, Bermondsey, Girls'.	180	90	—	3 1 3
London Street, Dockhead.	33	22	—	0 7 4
Marlborough St., Blackfriars, Boys'.	319	172	3	4 8 6
Marlborough St., Blackfriars, Girls'.	200	80	—	2 19 2

Instruction in Drawing in Elementary Day Schools—*continued.*

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SURREY—LONDON—*cont.*				
Southwark Division of London School Board—cont.				£ s. d.
Midway Place, Rotherhithe, Boys'.	302	294	1	15 19 5
Midway Place, Rotherhithe, Girls'.	240	152	1	6 0 4
Monnow Rd. Bermondsey, Boys'.	306	305	1	40 5 0
Monnow Rd., Bermondsey, Girls'.	305	234	9	21 8 10
Neckinger Road, Bermondsey, Boys'.	300	109	2	8 18 8
Neckinger Road, Bermondsey, Girls'.	250	144	4	6 10 2
Nelson Street, Bermondsey.	164	106	1	3 2 5
Orange Street, Southwark.	130	78	—	2 18 7
Parker's Row, Bermondsey, Boys'.	146	127	2	6 5 7
Parker's Row, Bermondsey, Girls'.	43	39	—	0 18 4
Rolls Road, Bermondsey, Boys'.	314	227	1	18 9 10
Rolls Road, Bermondsey, Girls'.	360	186	5	12 15 2
Rotherhithe New Road, Boys'.	329	295	2	10 17 2
Rotherhithe New Road, Girls'.	300	163	4	5 18 3
Rouel Road, Bermondsey, Boys'.	220	138	—	5 15 11
Southwark Park Road Boys'.	220	179	—	13 10 0
Southwark Park Road Girls'.	300	256	3	6 19 7
Webb Street, Bermondsey New Road, Boys'.	200	125	2	6 16 8
Webb Street, Bermondsey New Road, Girls'.	129	91	1	2 3 1
Webber Row Boys'.	100	77	—	4 11 0
Webber Row Girls'.	100	72	—	0 10 3
Southwark, Long Lane Wes.	310	180	5	8 3 11
Southwark, St. George's, N.	160	115	1	4 13 7
Southwark, St. Jude's	140	129	1	5 5 7
Southwark, St. Jude's.	172	89	—	4 7 9
Southwark, St. Mary's.	234	132	1	6 17 4
Southwark, St. Peter's N.	120	66	2	4 18 5
Stockwell Green B.	152	134	5	12 7 8
SURREY—*cont.*				£ s. d.
Stockwell Green B.	195	141	5	8 12 2
„ Orphanage.	227	219	—	16 8 6
Stockwell, Prac.	354	286	12	19 5 0
Stoke-next-Guildford, Boys'.	135	98	—	4 7 10
Streatham, St. Leonard's N.	100	64	2	3 18 4
Surbiton, Ch. Ch. Boys'.	207	166	2	5 7 7
Surbiton, Ch. Ch. Girls'.	180	71	4	4 14 7
Surbiton, St. Mark's N.	130	78	—	3 15 8
Sutton, *New Town*	70	55	—	3 17 11
„ South Metropolitan District.	200	140	8	11 10 1
Thames Ditton	35	33	—	2 14 1
Tooting (Upper) N.	58	36	—	2 13 7
Tulse Hill, Holy Trinity.	110	54	2	4 18 1
Vauxhall, St. Peter's N.	160	107	1	8 12 7
Vauxhall, St. Peter's N.	165	100	—	4 7 11
Vauxhall, St. Peter's Girls' N.	80	39	2	3 0 7
Wallington, Holy Trinity, C. E.	110	82	—	5 19 7
Walworth, All Saints'	210	151	—	8 4 3
„ St. John's N.	170	165	5	13 5 8
Walworth Road, St. Paul's Boys'.	142	136	1	5 12 7
Wandsworth, All Saint's Boys'.	175	67	—	6 17 0
Wandsworth, Frogmore B., Boys'.	172	150	4	8 6 5
Wandsworth, Frogmore B., Girls'.	167	121	5	5 12 2
Wandsworth, St. Joseph's R.C.	40	27	4	1 12 0
Warlingham	79	51	1	2 2 11
Wimbledon (South), Haydon's Lane N.	140	77	2	7 16 0
Wimbledon, Holy Trinity N.	150	124	1	7 16 9
Windlesham Bagshot.	54	39	—	0 16 9
Woking, *St. John's*	180	132	—	2 8 6
„ *Westfield*	51	35	1	0 6 8
SUSSEX.				
Battle, N.	104	98	2	4 4 0
Brede	70	46	1	7 12 9
Brighton *Finsbury Road.*	120	96	3	5 16 11
Brighton, *Hanover Terrace.*	176	171	5	20 8 3
Brighton, *Lewes Rd.*	200	140	3	12 18 2
„ *Middle St.*	270	236	3	26 16 5
„ *Pelham Street.*	307	196	16	19 16 2

Instruction in Drawing in Elementary Day Schools—*continued.*

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SUSSEX—*cont.*				
Brighton, *Preston Road.*	330	172	9	19 19 0
Brighton, *Puget* -	167	141	3	12 19 9
„ *Sussex Street.*	240	143	3	15 15 6
Brighton, *St. John's*	215	158	5	15 2 6
„ All Souls' Boys'.	146	78	—	4 10 10
Brighton, Central N.	223	169	4	12 13 10
„ Ch. Ch. -	162	137	—	8 18 3
„ Elliott - Meml.	163	129	4	19 13 1
Brighton, Prac. -	180	87	4	3 17 6
„ St. George's	162	105	2	4 11 7
„ St. Mark's C. E.	68	45	2	4 15 7
Brighton, St. Martin's N.	80	61	2	5 10 11
Brighton, St. Peter's Boys' N.	160	125	6	15 18 6
Brighton, St. Stephen's N.	70	36	—	2 7 6
Chichester, Central N.	220	176	—	4 5 6
Chichester, Bishop Otter's Prac.	70	37	—	2 5 9
Chichester, Tower Street B.	200	92	14	10 6 9
Clayton and Keymer, *South District, Keymer.*	50	35	—	0 14 11
Crowborough, St. John's.	76	59	—	5 10 8
Crowborough, St. John's.	112	38	—	2 11 10
Eastbourne, Wes. Day.	147	127	2	5 18 3
Eastbourne, Boys' N.	71	67	1	5 5 8
Eastbourne, Girls' N.	77	67	2	1 19 8
Eastbourne, St. Saviour's.	40	25	1	2 8 9
Eastbourne, Holy Trinity.	153	84	3	10 2 1
Frant, N. - - -	58	42	1	4 16 11
„ - - -	64	38	3	3 15 2
Grinstead (East) -	120	49	5	7 18 3
„ „ -	100	55	8	8 4 1
Halton in Hastings, Boys'.	150	99	—	7 11 7
Hastings, St. Leonard's-on-Sea, *London Road Boys'.*	70	55	4	5 19 11
Hastings, St. Leonard's-on-Sea, *London Road Girls'.*	26	17	4	0 19 7
Hove, N. - - -	205	139	3	6 10 8
Lewes, B. - -	79	76	1	9 4 5
„ N. - -	65	47	—	6 6 6
Littlehampton -	174	95	5	13 3 4
Petworth - -	101	53	—	4 1 6
St. Leonard's-on-Sea, Ch. Ch.	66	44	1	3 14 9
SUSSEX—*cont.*				
St. Leonard's-on-Sea, St. Mary Magdalene N.	120	81	1	7 1 1
Steyning, N. - -	110	64	3	6 16 1
Storrington, Par. Boys'.	69	55	2	3 7 11
Storrington, Par. Girls'.	50	29	—	1 10 5
Ticehurst, N. - -	69	54	2	4 10 0
Worthing, Inst. B. -	100	56	—	4 1 7
WARWICKSHIRE.				
Ansley C. E. - -	66	41	—	2 1 10
Aston, *Albert Road Boys'.*	320	265	3	29 2 2
Aston, *Albert Road Girls'.*	203	179	3	16 4 2
Aston, *Alma Street Boys'.*	250	169	8	14 11 3
Aston, *Alma Street Girls'.*	200	58	—	3 1 9
Aston, *Burlington Street Boys.*	280	205	11	12 4 1
Aston, *Burlington Street Girls'.*	120	84	4	5 3 0
Aston, *Gower Street Boys'.*	350	247	5	19 3 4
Aston, *Gower Street Boys'.*	320	268	4	16 7 8
Aston, *Gower Street Girls'.*	159	128	3	7 9 11
Aston, *Gower Street Girls'.*	225	132	7	9 3 2
Aston, *Upper Thomas Street Boys'.*	350	160	4	14 9 3
Aston, *Upper Thomas Street Girls'.*	147	91	8	6 16 10
Aston, *Vicarage Rd. Boys'.*	300	169	7	16 12 9
Aston, *Vicarage Rd. Boys'.*	360	221	7	13 5 11
Aston, *Vicarage Rd. Girls'.*	120	58	—	4 4 7
Aston, *Vicarage Rd. Girls'.*	170	91	—	5 5 4
Aston, Alfred Street N.	75	57	—	4 1 0
Aston Brook, St. Mary's C. E.	120	77	1	3 4 2
Bedworth, Boys' Central.	287	149	5	5 16 9
Bedworth, Collycroft Mixed.	120	66	—	4 2 7
Birmingham, *Alcock Street Boys'.*	295	126	1	5 10 3
Birmingham, *Bloomsbury Boys.*	480	321	1	16 13 10
Birmingham, *Bristol Street Boys'.*	300	147	—	10 9 2
Birmingham, *Bristol Street Girls'.*	300	93	—	4 3 4
Birmingham, *Brookfields Boys'.*	400	281	2	20 15 9

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
WARWICKSHIRE—*cont.*				£ s. d.
Birmingham, *Dartmouth St. Boys'.*	200	122	3	6 16 10
Birmingham, *Dixon Road.*	235	139	8	13 5 1
Birmingham, *Dudley Road.*	363	134	5	16 1 0
Birmingham, *Elkington Street Boys'.*	345	199	2	16 0 8
Birmingham, *Farm Street.*	294	188	4	15 10 3
Birmingham, *Fox Street Boys'.*	220	99	—	4 13 3
Birmingham, *Garrison Lane Boys'.*	240	177	1	14 5 2
Birmingham, *Hope Street.*	280	191	—	12 12 4
Birmingham, *Hutton Street.*	205	162	3	15 6 11
Birmingham, *Jenkins Street Boys'.*	230	185	1	12 15 5
Birmingham *Jenkins Street Girls'.*	85	49	2	4 5 0
Birmingham, *Little Green Lane Boys'.*	230	219	—	9 5 4
Birmingham, *Lower Windsor St. Boys'.*	350	127	3	11 16 5
Birmingham *Montgomery St. Boys'.*	233	145	1	11 15 11
Birmingham, *Moseley Road Boys'.*	419	270	2	17 12 11
Birmingham, *Nelson Street.*	232	156	3	10 0 7
Birmingham, *Norton Street Boys'.*	450	215	7	15 9 8
Birmingham, *Ozell's Street Boys'*	220	158	7	13 18 9
Birmingham, *Osler Street Boys'.*	450	198	4	26 14 8
Birmingham, *Osler Street Girls'.*	120	60	2	4 17 0
Birmingham, *Rea Street South Boys'.*	260	199	2	7 14 8
Birmingham, *Smith Street Boys'.*	340	148	1	8 15 10
Birmingham, *Steward Street Boys'.*	385	213	2	18 11 0
Birmingham, *Summer Lane Boys'.*	330	230	4	23 8 10
Birmingham, All Saints'.	240	169	2	7 0 10
Birmingham, Bishop Ryder's N.	343	236	8	16 11 3
Birmingham, Blue Coat.	75	72	—	4 5 3
Birmingham, Wes., Bristol Road.	170	110	2	6 0 7
Birmingham, Ch. Ch.	175	79	2	5 1 8
,, Hebrew	181	106	—	11 4 7
Birmingham, Islington Wes.	310	245	9	24 19 1
Birmingham, Islington Wes.	340	237	8	9 7 8
Birmingham, St. Andrew's N.	82	57	2	4 5 8
Birmingham, St. Anne's, Duddeston.	140	92	3	4 0 7
Birmingham, St. Barnabas'.	250	152	4	12 10 1
Birmingham, St. Barnabas.	230	142	3	4 13 7
Birmingham, St. Chad's.	133	88	3	5 10 5
Birmingham, St. Clement's.	240	201	6	13 3 3
Birmingham, St. David's N.	170	112	2	4 19 7
Birmingham, St. George's N.	320	212	2	8 4 1
Birmingham, St. John's Ladywood.	366	242	5	*
Birmingham, St. Joseph's R. C.	46	35	2	3 6 11
Birmingham, St. Luke's.	180	122	9	8 1 4
Birmingham, St. Mark's Boys'.	300	276	1	20 15 10
Birmingham, St. Mark's Boys'.	300	223	1	10 10 7
Birmingham, St. Mark's Girls'.	197	131	3	4 18 3
Birmingham, St. Mark's Girls'.	165	152	6	9 9 7
Birmingham, St. Mary's.	80	52	—	2 19 6
Birmingham, St. Matthias' N.	291	187	8	10 5 9
Birmingham, St. Paul's N.	250	110	1	11 18 10
Birmingham, St. Stephen's N.	140	81	1	5 3 3
Birmingham, St. Thomas' Boys'.	240	127	6	7 1 8
Birmingham, St. Thomas' Girls'.	180	91	—	3 13 1
Birmingham, Severn Street Boys' B.	182	119	3	21 19 3
Birmingham, Severn Street Boys' B.	250	141	3	15 15 5
Birmingham, Severn Street Girls' B.	116	90	4	5 10 6
Birmingham, Severn Street Girls' B.	140	82	3	3 5 11
Bordesley, C. E.	130	115	2	3 14 11
Coventry, *South St.*	180	127	10	12 2 10
,, *Spon St.*	153	106	—	5 5 9
,, All Saints'	160	130	3	10 3 3
,, ,,	220	168	5	15 10 8
,, King St. B.	70	54	—	4 6 5
Coventry, St. John's Par.	140	82	—	5 [illegible]

* Examination cancelled.

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	
WARWICKSHIRE—*cont.*				£ s. d.
Coventry, St. Mark's N.	100	50	—	3 18 1
Coventry, St. Mark's N.	80	49	2	2 17 3
Coventry, St. Michael's.	250	91	1	4 1 0
Coventry, St. Peter's	220	131	6	10 9 9
" Holy Trinity.	249	110	13	6 6 5
Deritend, St. John's N.	126	102	3	8 8 6
Edgbaston, Ampton Road, N.	140	100	6	13 9 1
Edgbaston, St. George's.	165	114	1	8 10 3
Edgbaston, St. James'.	157	124	2	10 15 1
Edgbaston, St. James'.	203	117	3	4 19 10
Erdington (High Street), N.	110	81	4	9 8 4
Erdington (High Street), N.	55	52	3	2 7 7
Foleshill, *Edgewick*	200	101	7	7 13 11
" *Foxford* -	110	51	2	3 12 6
Honyngham, N. -	60	40	—	0 5 10
Kenilworth, Abbey Hill.	100	75	—	4 9 6
Leamington, Portland Street Wes.	170	136	3	9 9 10
Leamington, St. Paul's.	122	109	2	5 1 5
Leamington, St. Paul's.	160	128	—	2 11 6
Leamington, *Radford Road.*	25	25	—	0 11 11
Leamington, *Trinity Street.*	70	49	2	3 19 6
Lozells, St. Silas -	241	177	2	11 17 9
Rugby, Chapel St. Wes.	97	74	2	6 9 7
Rugby, Elborow Boys' N.	80	65	3	2 8 4
Rugby, St. Matthew's	147	98	—	3 12 1
Saltley. Prac. - -	250	187	1	18 11 10
Solihull, Free - -	60	40	—	0 19 3
" - -	51	33	—	0 13 0
Southam, Stockton -	55	35	3	4 5 8
Stoke - - -	91	81	1	4 16 11
Stratford-on-Avon	50	39	—	2 17 5
Stratford-on-Avon, N.	128	104	5	8 6 7
Tanworth, C. E. -	42	32	—	2 2 8
Tysoe, N. - -	63	49	3	4 16 2
Warmington - -	48	31	1	0 16 8
Warwick, Borough N.	120	74	5	4 1 9
Warwick, Brook St. R.	160	139	3	10 15 7
WESTMORELAND.				£ s. d.
Ambleside, Kelsick End.	60	31	4	6 11 8
Appleby B. - -	93	77	2	3 0 8
Kendal, Castle St. B.	243	127	1	9 16 6
Kendal, Castle St. B.	232	116	—	4 19 5
Levens C. E. - -	80	23	—	0 19 11
Kirkby Thore -	53	46	2	3 5 4
Preston Patrick -	60	56	1	2 11 2
Underbarrow N. -	36	30	—	3 9 1
WILTSHIRE.				
Bowerchalke N. -	30	23	—	0 3 6
Bratton, B. - -	75	42	1	0 14 8
Calne, B. - - -	100	46	—	3 5 0
" The Green, Boys' N.	147	72	3	6 7 3
Corsham, B. - -	60	42	1	2 13 5
Derry Hill, N. -	35	32	2	2 7 3
Devizes, B. - -	130	102	1	3 1 5
" Town -	70	31	1	0 3 6
Fisherton, B. - -	191	129	3	6 12 11
" Anger, N.	171	110	3	2 16 4
Horningsham, N. -	40	33	1	0 18 10
Lowbourne, B. -	84	63	3	3 2 1
Market Lavington, N.	56	38	2	3 18 1
Marlborough, St. Peter's N.	90	61	—	4 16 0
Melksham, N. -	96	65	1	2 15 6
Mere, B. - - -	98	81	6	4 17 9
" Church Street N.	100	71	1	4 0 4
Pewsey St. John's N.	100	65	3	Nil.
" " -	180	44	2	0 10 7
Salisbury, St. Edmund's N.	130	94	3	6 3 0
Salisbury, St. Martin's.	61	41	—	*
Salisbury, St. Thomas' N.	80	57	4	4 4 5
Salisbury, Scots Lane, B.	180	88	1	6 17 9
Sherstone, B. - -	58	45	1	4 7 3
Swindon, *Gorse Hill*	108	94	—	3 7 0
Swindon, *Even* -	220	72	6	6 12 3
" (*New*), *Boys'.*	784	421	8	34 8 5
Swindon (*New*) *Girls'.*	400	204	—	12 2 2
Trowbridge, B. -	220	145	3	11 2 3
" Par. -	200	108	—	8 10 0
" Trinity Boys' N.	130	100	—	7 13 10
Warminster Boys' B.	95	61	2	14 15 9
Westbury, B. Boys'	60	58	1	5 5 5
" N. - -	70	41	3	2 13 6
Wilton N. - -	70	40	2	2 6 2
Wootton-Bassett, B.	95	60	1	3 1 11

* ion cancelled.

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
YORKSHIRE—*cont.*				
Bradford, *Great Horton Boys'.*	360	273	10	14 18 9
Bradford, *Great Horton Boys'.*	297	287	2	7 4 4
Bradford, *Great Horton Girls'.*	270	80	2	5 6 8
Bradford, *Great Horton, Girls'.*	230	134	—	3 18 10
Bradford, *Great Horton Junior.*	8	—	5	Nil.
Bradford, *Horton Bank Top.*	140	38	—	0 6 0
Bradford, *Horton Road Girls'.*	240	186	—	10 17 11
Bradford, *Horton Road Girls'.*	240	147	—	7 1 11
Bradford, *Lidget Green.*	107	93	—	5 8 4
Bradford, *Lidget Green.*	180	98	5	4 16 7
Bradford, *Lily Croft Lane Boys'.*	275	159	2	5 7 4
Bradford, *Lily Croft Lane Girls'.*	256	196	6	4 2 1
Bradford, *Lister Hills.*	206	202	1	11 17 11
Bradford, *Lister Hills.*	284	251	2	7 18 5
Bradford, *Otley Rd. Boys'.*	220	131	3	12 16 10
Bradford, *Otley Rd. Boys'.*	220	95	5	5 17 2
Bradford, *Otley Rd. Girls'.*	125	66	4	4 9 4
Bradford, *Otley Rd. Girls'.*	120	85	1	2 10 10
Bradford, *Princeville, Mixed.*	410	242	7	8 14 2
Bradford, *Ryan St.*	350	189	—	6 10 9
" " *Half Time.*	240	148	—	3 13 1
Bradford, *Ryan St. Girls'.*	330	142	—	3 19 1
Bradford, *Tetley St.*	190	143	2	7 16 6
"	142	107	4	3 19 0
" *Undercliffe.*	439	310	8	13 17 7
Bradford, *Undercliffe.*	398	194	7	9 12 9
Bradford, *Usher St. Boys'.*	286	151	7	9 19 2
Bradford, *Usher St. Boys.*	280	156	6	7 2 2
Bradford, *Usher St. Girls'.*	285	84	2	1 19 3
Bradford, *Usher St. Girls'.*	270	85	4	1 18 11
Bradford, *Wapping Road.*	340	201	4	4 11 9
Bradford, *Whetley Lane Boys'.*	362	231	14	13 4 2
Bradford, *Whetley Lane Boys'.*	281	174	2	9 2 10

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
YORKSHIRE—*cont.*				
Bradford, *Whetley Lane Girls'.*	300	148	—	7 3
Bradford, *Whetley Lane Girls'.*	230	128	2	3 6
Bradford, *Whetley Lane Half Time.*	205	165	—	6 13
Bradford, *Whetley Lane Half Time.*	281	247	—	6 19
Bradford, *Whetley Lane Junior.*	480	150	—	1 11
Bradford, *Woodroyd.*	290	224	5	10 8
Bradford, *Woodroyd.*	203	125	6	3 15
Bradford, *Woodroyd Girls'.*	120	96	3	2 9
Bradford, All Saints' N.	350	273	7	7 18
Bradford, Borough West.	200	159	2	14 16
Bradford, Captain Street Par.	200	137	3	6 17
Bradford, Ch. Ch. -	104	65	—	1 18
" Eastbrook, B.	200	192	1	8 3
Bradford, Eastbrook Wes. Boys'.	82	71	1	11 1
Bradford, Eastbrook Wes. Girls'	135	103	2	14 11
Bradford, St. Andrews' C. E.	350	216	2	9 2
Bradford, St. Andrew's Mission.	260	195	1	10 9
Bradford, St. Augustine's C. E.	131	73	—	3 1
Bradford, St. James' N.	300	184	1	6 17
Bradford, St. John's	233	152	5	11 6
" St. Jude's	145	106	—	6 6
" St. Michael's.	96	65	1	3 1
Bradford, St. Thomas' N.	96	55	2	0 14
Bradford, Holy Trinity.	200	111	—	9 2
Bramley, N. - -	152	127	2	7 10
" N. - -	200	148	1	4 4
" Wes. Town Street.	154	77	2	4 14
Brampton-Bierlow, N.	130	96	—	6 13
Brampton-Bierlow, N.	110	93	—	3 3
Bridlington Quay, Wes.	75	43	—	2 11
Bridlington Quay -	60	33	—	2 18
Brighouse, N. - -	230	163	12	5 17
Brompton and Sawdon	45	37	—	3 19
Brownhill, N. - -	104	86	2	7 2
Burley, N. - -	120	70	6	3 14
" -in-Wharfedale, N.	92	92	—	3 2

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
SHIRE—*cont.*				
antofts, St. Ste-	115	60	—	4 13 7
's				
gthorpe, N.,	150	12	—	4 8 2
s'				
gthorpe, N.,	130	88	—	2 7 9
s'.				
gthorpe, N.,	33	28	3	2 17 8
s'.				
gthorpe, N.,	34	29	2	1 6 7
s'.				
ley, *Farsley*	224	63	—	4 4 5
k Lane.				
ley, *Farsley*	40	38	2	0 13 4
age.				
ley, Farsley	84	53	—	3 9 8
ley, N. - -	94	72	1	3 5 5
Wes. -	52	43	2	3 8 4
ford, Wes. -	104	99	—	9 11 0
Allerton	72	52	—	4 11 8
ltown, Eccles-	44	39	—	3 2 7
Warren, Wes.				
ell - - -	394	125	3	5 8 5
n, N. - -	147	124	—	3 19 8
eaton, B. -	190	65	3	5 13 3
,, Church	250	192	5	15 3 3
et N.				
eaton, Moor	69	67	2	3 3 6
. Ch.				
eaton, St.	160	67	—	3 16 11
e's N.				
n with Nor-	42	31	—	3 19 7
d.				
am - - -	115	80	—	2 5 10
Borough - -	90	59	4	3 0 2
borough Dena-	100	92	—	4 7 7
Main Colliery.				
, Factory -	220	191	5	7 14 5
estone, B. -	63	54	3	3 4 4
rth, St. John's	100	68	—	1 19 5
ll, N. Boys' -	80	53	2	2 5 2
, N. - -	47	44	3	3 17 1
Dale Undenl.	90	66	3	3 14 2
bury, *Carlton*	200	102	—	6 5 9
et Boys'.				
bury, *Carlton*	180	102	2	2 10 1
et Girls'.				
bury, *East-*	120	92	2	7 0 11
ugh.				
bury, *Welling-*	110	99	—	2 10 9
Street.				
oss, C. E. -	150	105	2	5 11 8
worth, N. -	87	52	1	2 14 3
ster, G. N.	320	140	2	8 15 6
way Boys'.				
ster, Oxford	300	214	3	6 13 9
d Wes.				
ster, St.	100	71	2	7 1 10
rge's Gate N.				
ster, Wood St.	800	750	25	31 2 4

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
YORKSHIRE—*cont.*				
Doncaster, Yorkshire Deaf and Dumb Inst.	120	91	2	6 6 6
Driffield (Great), *Bridlington Road.*	130	99	2	5 4 4
Driffield (Great) Cross Hill, N.	126	84	—	7 9 9
Drighlington - -	180	94	2	4 10 5
Earby, Wes. - -	88	65	2	3 12 4
Earlsheaton - -	230	140	—	3 14 6
,, N. -	150	90	4	5 1 1
Easingwold, C. E. -	90	57	—	0 10 8
,, Wes. -	92	56	2	5 10 11
East Ardsley - -	130	37	1	2 2 10
Ebberston, N. - -	53	40	1	5 4 7
,, - -	80	36	—	0 13 6
Ecclesall, N. - -	158	40	1	3 17 8
Eccleshill, *Chapel Street.*	183	162	4	11 17 5
Eccleshill, *Green-gates.*	206	179	4	26 15 8
Eccleshill, *Under-cliffe.*	60	60	—	7 3 6
Eccleshill, N. - -	68	65	2	3 0 5
Emley, B. - -	87	58	4	5 13 1
Eston Boys' - -	63	60	3	3 14 8
Falsgrave, All Saints'	130	104	—	7 5 4
,, ,,	160	122	—	4 5 2
Fenwick and Moss-	50	45	—	3 11 3
Ferryfryston - -	60	45	2	2 14 4
Fewston - - -	36	22	—	0 15 1
Friezland, Ch. Ch. -	90	86	2	4 8 6
Garforth, Par. -	125	71	1	2 13 3
Gargrave, N. - -	47	26	—	2 13 1
Gildersome - -	150	89	4	4 19 2
Golcar, N. - -	142	38	—	2 15 6
Goole, *Alexandra Street.*	280	167	24	12 17 9
Greasborough, Cong.	97	46	3	2 2 2
Grenoside End. -	53	17	—	1 14 11
Guisborough, *North-gate Mixed.*	120	69	2	4 2 8
Guisborough, *Provi-dence Boys'.*	120	91	—	5 19 8
Guisborough, *Provi-dence Girls'.*	70	40	4	2 7 8
Gunnerside, Wes. -	76	59	—	3 16 2
Halifax, *Albion St.* -	438	345	4	13 17 4
,, *Booth Town*	280	221	2	11 17 0
,, *Haugh Shaw Boys'.*	150	127	8	13 19 5
Halifax, *Haugh Shaw Girls'.*	100	89	—	5 10 6
Halifax, *Lee Mount*	250	180	1	11 5 5
,, *Pellon Lane Boys'.*	340	289	5	27 15 8
Halifax, *Pellon Lane Girls'.*	340	243	1	19 12 6
Halifax, *Portland Road Boys'.*	220	180	2	12 17 9
Halifax, *Portland Road Girls'.*	230	184	6	16 8 5
Halifax, *Queen's Road Boys'.*	350	266	3	30 15 8

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
YORKSHIRE—*cont.*				
Halifax, *Queen's Road Girls'.*	306	166	3	13 4 9
Halifax, *St. Thomas'*	165	138	—	6 7 8
" *Siddal* -	180	117	2	3 2 8
Halifax, Crossley Orphan Home Boys'.	124	124	—	7 19 9
Halifax, Crossley Orphan Home Girls'.	80	79	—	5 5 0
Halifax, Par. - -	196	191	2	5 1 6
" St. Augustine's N.	266	261	—	7 12 11
Halifax, Cross Hills St. James' N.	150	101	2	8 1 8
Halifax, Holy Trinity N.	110	110	—	4 16 6
Handsworth, Woodhouse N.	150	62	—	2 16 7
Handsworth, Woodhouse, Wes.	85	61	—	2 12 1
Hanging - Heaton, *Mill Lane.*	225	104	5	5 6 4
Harewood, Ch. -	137	94	4	4 14 11
Harrogate, Ch. Ch. -	120	94	5	6 14 5
" Smithy Hill N.	130	88	2	6 9 11
Harthill - - -	65	58	2	4 14 3
Haworth, Wes. -	60	51	—	3 9 3
Headingley, TownN.	136	92	2	9 16 9
Heckmondwike, *Battye Street.*	382	209	3	13 9 4
Heckmondwike, *Upper.*	272	170	4	19 11 7
Heeley, Wes. - -	191	181	2	13 3 9
High Green, B. -	240	196	5	12 11 9
Holme Bridge, N. -	60	40	1	2 18 8
Holme-on-Spalding Moor.	80	47	4	2 14 10
Holmfirth, N. - -	120	71	3	3 5 3
" Wes. -	140	108	3	5 18 2
Honley, N. - -	170	122	2	6 9 4
Hopton, Congl. -	126	96	5	8 6 11
" -	170	99	3	8 19 8
Horbury, Wes. -	120	101	2	1 14 7
Horsforth, N. - -	109	106	3	2 11 3
" Wes. -	86	78	2	4 11 1
Horton (Great) N.	170	153	6	7 17 6
Horton-in-Ribblesdale C. E.	30	21	—	1 6 7
Howden, N. - -	122	79	4	6 1 7
" Wes. -	120	70	—	0 14 11
Hoyland-Nether -	122	108	2	4 18 9
Huddersfield, *Almondbury.*	183	97	6	4 17 9
Huddersfield, *Beaumont Street Boys'.*	128	106	7	6 16 5
Huddersfield, *Beaumont Street Girls'.*	105	104	—	5 9 6
Huddersfield, *Berry Brow Boys'.*	120	74	3	7 3 7
Huddersfield, *Berry Brow Girls'.*	77	57	3	1 3 7
Huddersfield, *Crosland Moor.*	260	157	5	12 8 3
YORKSHIRE—*cont.*				
Huddersfield, *Hillhouse Boys'.*	147	69	6	7 10 10
Huddersfield, *Hillhouse Girls.*	143	75	5	5 1 1
Huddersfield, *Lindley Oakes Boys'.*	120	91	4	6 16 3
Huddersfield, *Lindley Oakes Girls'.*	143	78	3	5 9 1
Huddersfield, *Moldgreen Boys'.*	250	152	3	5 13 9
Huddersfield, *Moldgreen Girls'.*	90	61	—	3 4 7
Huddersfield, *Mount Pleasant Boys'.*	216	186	12	13 6 4
Huddersfield, *Mount Pleasant Girls'.*	140	127	—	5 2 9
Huddersfield, *Paddock.*	180	72	1	2 2 7
Huddersfield, *Spring Grove Mixed.*	386	291	8	17 17 6
Huddersfield, *Stile Common Boys'.*	100	95	4	7 18 3
Huddersfield, *Stile Common Girls'.*	80	80	—	2 13 1
Huddersfield, St. Peter's N.	200	76	—	3 18 1
Huddersfield, St. Thomas'.	104	71	—	4 1 9
Huddersfield, Trinity, N.	85	43	—	2 13 7
Hull, *Blundell Street Boys'.*	206	186	1	8 14 3
Hull, *Blundell Street Girls'.*	102	100	2	2 2 3
Hull, *Constable St. Boys'.*	270	191	4	11 3 3
Hull, *Constable St. Girls'.*	200	175	4	3 1 9
Hull, *Courtney St. Boys'.*	420	272	1	16 6 7
Hull, *Courtney St. Girls'.*	100	85	—	3 16 4
Hull, *Daltry Street Boys'.*	195	137	3	5 9 1
Hull, *Daltry Street Girls'.*	104	72	4	2 11 11
Hull, *Dansom Lane*	160	101	—	7 4 3
" *Fish Street* -	113	79	1	3 18 3
" *Fountain Rd.*	270	156	1	12 17 9
" *Lincoln St.* -	315	190	4	8 2 4
" *Londesboro' Street Boys'.*	131	69	—	3 17 3
Hull, *Osborne St. Boys'.*	310	160	7	8 10 9
Hull, *Osborne St. Girls'.*	200	94	—	2 18 9
Hull, *Park Road Boys'.*	240	182	6	13 9 11
Hull, *Park Road Boys'.*	250	231	7	10 10 4
Hull, *Park Road Girls'.*	200	43	—	3 1 11

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples	Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.				Children.	Pupil-teachers and paid Monitors.	
YORKSHIRE—*cont.*				£ *s.* *d.*	YORKSHIRE—*cont.*				£ *s.* *d.*
Hull, *Park Road Girls'*.	160	85	—	3 0 10	Knottingley, Wes. -	110	76	10	6 11 0
Hull, *Sir Henry Cooper's*.	170	100	—	3 19 5	Laisterdyke, N. -	82	69	1	3 13 9
Hull, *Strickland Street*.	150	122	3	4 8 8	Laycock, Wes. -	90	69	—	3 15 1
Hull, *Wawne Street Boys'*.	284	198	—	23 7 0	Leeds, *Alfred Cross Street*.	140	105	—	4 7 4
Hull, *Wawne Street Girls'*.	260	100	2	3 19 2	Leeds, *Armley Boys'*	107	95	2	7 8 2
Hull, *Williamson Street Boys'*	234	210	4	19 8 3	„ „ *Girls'*	34	29	—	1 11 4
Hull, *Williamson Street Girls'*.	200	126	—	2 12 9	„ *Beeston Mixed*	32	30	2	0 19 5
Hull, Beverley Road Wes.	290	205	—	14 5 1	„ „ *Hill Boys'*.	184	184	—	11 10 3
Hull, Day Street B.	300	256	10	8 14 6	Leeds, *Beeston Hill Girls'*.	30	30	—	3 14 4
„ „ Girls'.	230	116	—	2 10 3	Leeds, *Bewerley St. Boys'*.	187	176	—	9 1 7
Hull, Park Street Orphan.	208	127	3	9 15 4	Leeds, *Bewerley St. Girls'*.	100	96	—	2 19 8
Hull, Park Street Orphan.	200	137	2	8 16 2	Leeds, *Bramley Mixed*.	117	105	4	9 3 4
Hull, St. James' Boys'.	197	145	2	19 3 9	Leeds, *Burley Lawn*	139	89	4	7 18 5
Hull, St. John's Boys'.	130	69	2	9 17 1	„ „ *Road*	143	130	2	7 7 5
Hull, St. Mark's -	200	100	—	5 12 0	„ *Carlton Hill Boys'*.	159	149	—	11 11 4
„ „ -	200	98	—	2 10 10	Leeds, *Carlton Hill Girls'*.	80	62	—	3 7 8
„ St. Mary's N. (Sculcoates).	70	49	1	3 7 3	Leeds, *Chapeltown*	86	71	2	5 6 4
Hull, St. Paul's -	202	111	2	9 15 6	„ *Cross Stamford Street Boys'*.	65	56	3	4 3 1
„ St. Stephen's Boys'.	295	153	4	17 8 1	Leeds, *Ellerby Lane Boys'*.	122	86	—	6 19 7
Hull, Seamen's and General Orphan Societies.	150	104	1	7 17 1	Leeds *Green Lane Boys'*.	172	163	2	9 11 8
Hull, Seaman's and General Orphan Societies.	130	96	2	3 16 3	Leeds, *Green Lane Girls'*.	38	33	—	0 13 10
Hull, Trippett -	90	57	—	—*	Leeds, *Hunslet Carr*.	48	48	—	3 9 10
Huntington - -	65	47	1	4 11 7	Leeds, *Hunslet, Low Road Boys'*.	186	154	—	4 8 0
Hutton, Lowcross B.	44	28	—	4 4 10	Leeds, *Hunslet, Low Rd. Girls'*.	24	24	—	0 14 9
Idle, Independent -	140	111	—	2 12 1	Leeds, *Hunslet, St. Peters'*.	175	157	1	7 1 2
„ N. - - -	330	190	4	6 10 3	Leeds, *Jack Lane Boys'*.	121	116	1	6 12 1
Ilkley N. - - -	97	76	—	5 12 8	Leeds, *Jack Lane Girls*.	91	91	—	2 5 8
Keighley, Sci. and Art, Junior Division.	48	33	—	4 18 10	Leeds, *Kirkstall Boys*.	83	69	7	5 10 10
Keighley, Sci. and Art, Junior Division.	42	42	—	2 11 8	Leeds, *Kirkstall Girls'*.	42	28	3	1 5 1
Keighley, Temple Street Wes.	124	114	4	14 18 0	Leeds, *Leylands Boys'*.	85	68	—	3 11 0
Keighley, N. - -	150	100	5	5 16 11	Leeds, *Leylands Girls'*.	20	20	—	0 12 4
King Cross, (Halifax) St. Pauls'.	90	84	—	4 12 7	Leeds, *Mill Green* -	46	37	—	2 17 1
Kippax - - -	169	71	3	3 13 5	„ *New Wortley Zion*.	110	108	—	5 5 8
Kirby-Hill, C. E. -	43	23	1	2 16 5	Leeds, *Oak Road* -	108	104	4	5 6 1
Kirby-Fleetham, N.	50	36	1	3 7 9	„ *Old Farnley*	3	—	3	Nil.
Knaresborough N. -	140	82	5	4 10 8	„ *Park Lane Boys'*.	119	110	9	9 0 5
Knottingley - -	44	28	3	2 16 3	Leeds, *Park Lane Girls'*.	60	45	—	1 4 10

* Grant lapsed.

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	
				£ s. d.
YORKSHIRE—*cont.*				
Leeds, *Pottery Field Mixed.*	90	89	—	3 8 9
Leeds, *Primrose Hill Boys'.*	109	86	—	0 3 8
Leeds, *Primrose Hill Girls'.*	100	100	—	2 11 1
Leeds, *Princes Field Mixed.*	82	73	1	7 5 7
Leeds, *Rodley* -	39	31	—	3 2 4
„ *Roundhay Rd. Boys'.*	137	123	5	11 10 4
Leeds, *Roundhay Road Girls'.*	60	60	—	2 10 1
Leeds, *St. Peter's Square.*	55	47	—	4 4 4
Leeds, *Salem* - -	61	51	3	3 4 10
„ *Saville Green*	87	69	—	3 17 9
„ *Sheepscar* -	86	79	—	5 2 0
„ *South Accommodation Road.*	124	118	—	6 17 5
Leeds, *Stanningley*	62	57	2	2 15 11
„ *Sweet Street*	60	60	—	2 13 8
„ *Woodhouse Boys'.*	123	121	—	4 5 6
Leeds, *Woodsley Road.*	62	60	—	9 3 0
Leeds, *Wortley, Lower.*	63	61	2	2 5 5
Leeds, *Wortley, Upper.*	105	87	—	5 0 9
Leeds, *Wortley, Greenside.*	83	66	—	6 4 1
Leeds, *York Road* -	187	137	6	5 13 5
„ All Saints' N.	152	74	—	3 0 7
Leeds, Basinghall St. B.	35	26	—	1 5 0
Leeds, Berston Hill N.	160	132	2	4 4 7
Leeds, Darley Street Wes.	292	203	6	13 1 10
Leeds, Holbeck, Isles Lane Wes.	228	176	2	8 1 4
Leeds, Holbeck, St. Matthew's N.	80	68	2	2 3 5
Leeds, Hunslet, St. Jude's N.	130	61	—	6 3 3
Leeds, Hunslet, St. Jude's N.	92	22	—	3 11 5
Leeds, Hunslet, St. Mary's N.	150	115	5	5 18 2
Leeds, Hunslet, St. Mary's N.	200	114	1	4 10 6
Leeds, Hunslet, St. Silas' N.	110	59	—	4 7 9
Leeds, Hyde Park Road, Wes.	60	40	—	2 5 3
Leeds, Oxford Place Wes.	106	76	2	10 13 5
Leeds, Richmond Hill Wes.	154	105	5	3 8 8
Leeds, St. Andrew's N.	241	192	4	8 16 11
YORKSHIRE—*cont.*				
Leeds, St. George's Boys'.	202	162	2	15 1 9
Leeds, St. George's Girls'.	160	133	5	8 19 6
Leeds, St. John, Baptist.	240	178	5	8 9 6
Leeds, St. John the Evangelist.	123	89	1	4 12 6
Leeds, St. John the Evangelist.	120	91	1	7 1 8
Leeds, Quarry Hill, St. Mary's N.	150	85	5	2 4 3
Leeds, St. Matthew's N.	275	169	6	8 7 7
Leeds, St. Paul's N.	89	56	—	3 0 3
„ St. Peter's N.	520	326	7	14 1 7
„ St. Philip's N.	130	113	4	7 18 4
„ St. Saviour's N.	212	152	10	6 17 4
Leeds, St. Simon's N.	250	171	8	10 18 10
„ Woodhouse, St. Mark's N.	348	198	11	15 11 7
Lepton, *Ferry Bridge.*	190	80	1	4 6 9
Lepton, N. - -	115	83	—	3 13 3
Lightcliffe N. - -	130	107	4	5 15 11
Linthwaite, C. E. -	100	84	2	3 4 4
Liversedge, N. -	146	104	2	5 7 1
Lockwood, N. - -	100	97	—	7 8 8
Lound, N. - -	250	204	4	10 2 5
Low Moor, Carr Lane C. E.	78	77	1	3 6 3
Low Row Wes. -	56	51	2	3 3 7
Malham Moor, Subscription.	15	15	—	0 13 5
Malton, Wes. - -	85	55	3	4 2 1
Manningham, St. Paul's N.	300	166	—	5 14 10
Markington, C. E. -	50	30	—	0 18 7
Marsden, N. - -	210	125	5	5 0 4
„ Town -	120	72	1	4 4 4
Marske (New) B. -	260	121	—	9 0 10
„ Zetland, Boys'.	78	72	3	6 7 11
Melbecks, N. -	21	14	—	0 16 6
Meanwood, N. -	105	83	—	2 5 1
Melsonby Wes. -	87	35	2	2 19 1
Meltham, C. E. -	170	136	3	7 12 11
Methley - -	99	80	3	4 5 5
Mexborough, C. E. -	60	47	4	4 19 7
Middlesbrough, *Denmark Street, Boys'.*	260	229	8	17 16 4
Middlesbrough, *Denmark Street, Girls'.*	200	177	—	11 5 4
Middlesbrough, *Fleetham Street.*	200	139	13	8 11 2
Middlesbrough, *Lower East Street Boys'.*	113	100	3	5 16 4
Middlesbrough, *Lower East Street Girls'.*	130	81	3	4 14 6

Instruction in Drawing in Elementary Day Schools—*continued.*

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				£ s. d.
YORKSHIRE—*cont.*				
Middlesbrough, *Southend.*	250	119	2	7 11 1
Middlesborough, *Stockton Street.*	51	41	2	3 8 2
Middlesbrough, Corporation Road Wes.	380	198	5	17 2 4
Middlesbrough, St. Hilda's C. E. Boys'.	248	153	10	9 13 9
Middlesbrough, St. Hilda's C. E. Boys'.	160	106	7	4 0 7
Middlesbrough, St. Hilda's C. E. Girls'.	200	114	—	5 0 6
Middlesborough, St. Hilda's C. E. Girls'.	200	87	—	3 4 4
Middlesbrough, St. John's Boys'.	320	240	—	14 16 6
Middlesbrough, St. John's Girls'.	257	207	6	11 7 1
Middlesbrough, St. Mary's R. C.	80	43	8	3 8 8
Middlesbrough, St. Paul's Boys'.	180	115	—	5 16 7
Middlesbrough, St. Paul's Girls'.	200	163	11	9 11 8
Middleton Tyas, C. E.	45	27	1	0 10 9
Millbridge, N. -	229	212	6	15 4 3
Mirfield, Par. - -	130	95	—	3 1 2
" Wes. -	225	174	5	12 9 8
Morley, Queen St. Wes.	300	225	3	8 4 6
Morley, St. Peter's N.	190	143	3	5 15 7
Morton (East), N. -	100	92	—	8 15 0
Mytholmroyd, C. E.	105	73	2	5 2 11
Myton (South), Wes. Boys'.	400	306	4	24 19 1
Myton (South), Wes., Girls'.	170	114	10	7 2 8
Neepsend, N. - -	200	89	3	5 19 2
Nether, Poppleton C E.	45	32	—	1 0 11
Newton-on-Ouse, Mixed.	91	62	2	5 9 1
Normanby - -	216	116	2	9 1 4
" - -	138	50	3	1 18 8
" *South Bank*	130	93	1	4 11 8
" "	118	90	—	2 16 1
Normanton, *Common.*	181	121	—	4 13 7
Normanton, *Woodhouse.*	112	70	3	2 5 2
Normanton, N. -	160	121	4	4 16 5
Northallerton, N. -	90	76	4	5 14 5
Norton, Bower Memorial.	156	70	3	5 2 8
Oakworth, N. - -	72	53	—	2 10 1
Ormesby (*North*) -	340	223	6	17 10 8
" " -	284	221	3	4 5 6
Ossett, Wes. - -	100	36	1	2 14 1
Ossett (South), C. E.	115	89	6	3 17 0
Oughtibridge, N. -	66	63	—	3 12 11
Outlane, N. - -	61	57	1	3 7 8
Ovenden, *Moorside*	184	134	3	4 12 0
Owthorne - -	120	58	—	2 18 6
Owston, West Ferry, Wes.	103	36	1	3 17 9
Parkgate, N. - -	70	36	2	2 4 3
Pitsmoor N. - -	169	150	9	12 12 5
Pontefract, Gillygate Wes.	180	145	1	10 18 1
Pontefract, Gillygate Wes.	200	92	4	3 13 10
Pontefract, Northgate N.	140	83	—	5 13 7
Pontefract, Northgate N.	120	58	2	3 11 2
Rawmarsh - -	93	82	—	4 8 9
Rawdon, *Littlemoor*	140	66	1	4 0 0
Redcar, Zetland -	130	108	2	5 18 5
" Wes. -	55	38	1	3 1 5
Reeth, Friends' -	95	72	3	5 16 4
Ripon, Cathedral N.	135	80	3	4 1 9
" Wes. - -	130	80	3	2 7 8
Ripponden, N. -	150	45	2	3 11 7
" Wes. -	217	160	—	3 8 4
Robert Town N. -	150	100	2	2 14 11
Robin Hood's Bay, Wes.	60	49	—	4 8 9
Robin Hood's Bay, Wes.	55	43	—	2 7 6
Rotherham, *Kimberworth.*	180	90	1	8 19 0
Rotherham, *Thornhill.*	213	70	3	6 0 3
Rotherham, *Wellgate.*	200	117	2	7 10 4
Scarborough, *Central Boys'.*	460	201	3	17 12 2
Scarborough, *Central Girls'.*	150	88	—	5 0 0
Scarborough, *Falsgrave.*	36	23	1	0 15 9
Scarborough, St. Mary's N.	250	218	—	9 0 1
Scarborough, St. Mary's N.	200	187	—	8 5 5
Scarborough, Wes. -	84	41	1	1 19 2
Scholes, N. - -	174	126	2	6 0 6
Scissett N. - -	76	71	—	5 3 4
Seacroft, N. - -	173	96	3	9 4 2
Selby, Abbey N. -	160	136	4	8 12 6
" Wes. -	84	40	2	2 17 10
Settle, N. - - -	90	39	3	3 14 0
Shafton, Wes. - -	30	16	2	0 13 10
Sheffield, *Attercliffe*	300	117	2	8 15 1
" *Brightside.*	170	170	—	8 10 4
Sheffield, *Broomhill.*	151	127	1	6 8 6

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	£ s. d.
YORKSHIRE.—*cont.*				
Sheffield, *Burgoyne Road.*	295	174	4	15 18 3
Sheffield, *Carbrook*	315	194	3	14 16 10
" *Central*	360	270	—	25 0 6
" *Higher.*				
Sheffield, *Crofts* -	250	155	2	8 17 8
" *Crookesmoor.*	319	184	—	6 2 10
Sheffield, *Darnall Road.*	269	166	3	10 11 11
Sheffield, *Fulwood* -	50	30	—	1 8 2
" *Grimesthorpe.*	280	175	—	10 5 3
Sheffield, *Heeley Bank Boys'.*	170	119	3	5 7 11
Sheffield, *Heeley Bank Girls'.*	99	79	9	6 13 6
Sheffield, *Lancasterian.*	140	122	4	4 16 5
Sheffield, *Langsett Road Boys'.*	425	239	6	17 10 3
Sheffield, *Langsett Road Girls'.*	72	42	—	4 6 9
Sheffield, *Lowfield* -	320	234	—	20 19 8
" *Manor* -	100	70	—	4 0 3
" *Netherthorpe Boys'.*	340	188	3	10 1 8
Sheffield, *Netherthorpe Girls'.*	300	209	3	9 4 10
Sheffield, *Newhall* -	150	115	—	8 14 5
" *Park* -	320	181	3	14 7 3
" *Philadelphia Boys'.*	254	140	4	9 11 2
Sheffield, *Philadelphia Girls'.*	73	60	1	3 7 0
Sheffield, *Pye Bank*	304	246	4	19 10 4
" *Springfield.*	450	355	3	18 6 8
Sheffield, *Walkley Boys'*	200	138	1	11 8 1
Sheffield, *Walkley Girls'.*	200	139	3	4 0 5
Sheffield, *Woodside*	250	196	4	7 17 1
" All Saints'	390	295	2	18 0 2
Sheffield, Carver St. N.	138	87	2	5 5 9
Sheffield, Ebenezer Wes.	140	73	2	3 14 4
Sheffield, Ellesmere Road, Wes.	580	244	6	8 2 7
Sheffield, Park Wes.	157	98	2	4 9 3
" Princess St. Wes.	150	118	—	4 1 10
Sheffield, Par Ch. -	253	120	4	7 3 1
" Redhill Wes.	121	118	1	3 11 1
Sheffield, St. George's Boys'.	260	185	5	10 0 0
Sheffield, St. George's Girls'.	130	80	2	4 4 1
Sheffield, Jude's [Eldon] N.	60	51	1	0 15 7
Sheffield St. Mary's	215	144	4	6 12 5
Sheffield, St. Matthias'.	520	365	16	32 12 [illegible]
Sheffield, St. Paul's	235	154	3	6 6 [illegible]
" St. Silas' C. E.	160	146	8	6 4 [illegible]
Sheffield, St. Simon's N.	56	36	—	2 18 [illegible]
" St. Stephen's.	85	55	—	3 18 10
Sheffield, Wicker, Holy Trin.	124	72	4	2 10 3
Shelley - - -	80	75	3	13 9 [illegible]
" N. - -	52	48	1	3 5 4
Shepley, N. - -	100	90	5	12 19 5
Sheriff Hutton, N. -	78	65	—	2 5 3
" " Wes.	68	47	1	2 16 6
Shipley, *Albert Rd.*	550	110	1	5 7 6
" *Central* -	97	82	—	6 18 5
Skelton, *Stanghow Lane.*	120	89	6	2 19 [illegible]
Skinningrove, B. -	160	128	—	4 15 7
" -	150	95	2	1 15 [illegible]
Skipton, B. - -	110	99	—	4 15 11
" - -	130	120	—	5 18 [illegible]
" Wes. - -	86	73	1	6 12 0
" " - -	62	49	—	2 2 10
Slaidburn, Brennand's End.	42	29	—	0 4 10
Slaithwaite, Lower N.	228	93	1	3 6 0
Smith, Ch. Ch. -	30	27	2	1 3 4
" Wes. - -	42	28	2	0 15 [illegible]
South Bank - -	250	108	8	4 5 9
Sowerby, District Boys'.	107	80	2	5 1 0
Sowerby, District Boys'.	115	70	—	3 10 11
Sowerby Bridge, N.	300	172	—	5 0 4
Staincliffe, N. -	60	40	—	2 11 1
Stanley and Wrenthorpe, *Outwood*	200	121	3	8 9 1
Startforth - -	41	21	1	2 3 6
Stockton-on-Tees, Wes.	127	100	6	6 7 3
Stockton-on-Tees, Cleveland Wes. Girls'.	51	51	—	2 1 7
Summer Bridge, Wes.	64	57	—	2 11 1
Sutton, *Holme Bridge.*	120	72	1	4 13 11
Sutton in Kildwick, N.	72	60	—	2 12 7
Swinefleet, *Low St.*	54	36	—	3 9 8
Swinton, N. - -	124	108	1	6 9 6
Temple Newsam, *Colton.*	68	52	2	4 8 1
Temple Newsam, *Halton.*	93	93	—	5 12 9
Thirsk, Boys' B. -	100	41	1	3 10 2
" Girls' B. -	70	48	2	4 10 1
Thornaby - -	245	184	6	8 16 6
" N. - -	140	106	—	5 4 7

Instruction in Drawing in Elementary Day Schools—*continued.*

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YORKSHIRE—*cont.*				
Thornbury - -	170	125	2	9 13 5
Thornes, Thorne's Lane, N.	90	71	4	4 15 7
Thornhill Lees, N. -	256	78	1	4 2 10
Thornton, St. James' N.	115	99	—	5 19 2
Thorpe Hesley, Wes.	72	48	1	1 2 2
Thurgoland, N. -	150	64	—	6 0 9
Thurstonland, End.	45	42	1	5 3 10
Tinsley, C. E. - -	43	29	1	2 6 1
Tong, *Dudley Hill* -	150	80	8	4 18 6
,, *Westgate Hill.*	87	79	5	3 15 9
Upperthong, St. John's.	127	106	—	7 5 3
Wakefield, *Eastmoor.*	60	41	—	3 0 3
Wakefield, *Eastmoor.*	58	48	—	1 11 11
Wakefield, *Westgate*	280	171	1	9 7 0
,, Lanc. -	150	133	7	13 3 7
,, ,, -	160	125	5	4 12 1
,, Trinity, N.	205	143	—	7 7 11
Wakefield, Thornhill St. Wes.	141	101	1	6 10 8
Wales, End. - -	60	33	1	2 12 4
Walkley, St. Mary's Boys'.	35	32	—	2 16 5
Warley, St. John's N.	85	38	1	3 9 2
Wellhouse, N. -	64	48	—	3 11 7
Wakefield, Westgate Common St. Michaels' N.	129	119	2	7 1 9
Wetwang, C. E. -	92	37	4	4 3 1
Whitby, B. - -	101	83	3	6 2 8
,, *Ch. St.* -	90	36	2	3 19 0
,, St. John's	90	68	2	5 9 1
Whitley (Upper), Grange Moor.	86	24	—	0 5 0
YORKSHIRE—*cont.*				
Wilsden - - -	254	123	2	8 4 5
Wincobank, N. -	80	50	1	3 5 5
,, -	100	50	—	3 13 3
Windhill, Wes. -	250	157	1	7 0 1
Wiston, Par. - -	45	25	—	0 10 4
Wombwell - -	110	53	6	3 6 9
,, *Broomhill*	63	43	1	2 10 7
Woodside, Horsforth N.	173	113	—	5 5 9
Wooldale, *Hinchliffe*	130	53	4	3 3 7
Worsborough Dale, Wes.	83	59	—	2 15 1
Wortley (New), N.	61	59	1	1 18 9
York, St. Maurice Bedern.	121	59	1	3 12 0
York, Blue Coat -	73	63	3	6 2 1
,, Groves' Wes.	380	212	1	12 5 10
,, Hope Street B.	300	202	5	7 3 3
,, Manor - -	240	159	5	25 13 11
,, Micklegate, Trinity.	190	109	3	8 2 1
York, Model and Prac.	173	133	3	10 15 5
York, Priory Street Wes., Boys'.	230	168	2	8 1 9
York, Priory Street Wes., Girls'.	117	101	7	2 16 9
York, St. Cuthbert's N.	150	61	4	4 9 5
York, St. Dennis -	116	68	3	4 1 5
York, St. George's Wes., Boys'.	203	137	2	6 9 1
York, St. George's Wes., Girls'.	190	109	4	3 11 3
York, St. Lawrence Boys'.	108	77	1	4 19 3
York, St. Lawrence, Girls'.	86	59	—	2 2 2
York, St. Paul's, N.-	60	48	—	4 15 7

WALES.

Aberaman, B. - -	120	79	6	7 13 10
Aberavon, N. - -	160	117	—	5 4 8
Aberdare, *Abernant Boys'.*	56	38	—	2 18 8
Aberdare, *Abernant Girls'.*	30	30	—	2 3 2
Aberdare, *Blaengwawr.*	114	75	6	6 0 1
Aberdare, *Town Boys'.*	156	114	19	5 8 6
Aberdare, *Town Girls'.*	85	66	—	0 15 10
Aberdare, *Cwmbach*	103	74	2	2 7 4
,, *Cwmdare*	90	53	—	2 6 11
,, *Park* -	74	61	3	1 19 0
Aberdare, St. Fagan's N.	88	56	7	3 2 3
Aberystwith, *Boys'* -	140	124	4	5 12 1
,, *Girls'*	100	78	—	2 15 7
Bangor, *Garth* -	150	90	4	4 13 5
,, *St. Paul's* -	127	83	3	3 8 7
,, N. - -	94	68	1	5 9 8
Beaumaris - -	52	50	3	1 19 10
Bethesda, B. - -	130	104	3	5 11 2

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	£ s. d.
Brynamman, Iron Works.	75	62	5	6 7 1
Brecon, Wes.	216	115	3	6 0 7
" "	160	82	6	3 7 6
Bridgend	240	163	2	4 18 10
" N.	237	171	3	6 7 11
Briton Ferry, *Neath Road.*	35	28	—	2 9 1
Brymbo, Ch.	184	67	6	1 0 6
Burry Port, *Copper Works.*	100	66	—	3 18 1
Cadoxton-juxta-Neath N.	105	69	1	3 0 10
Caerphilly, N.	60	50	2	2 16 6
Cardiff, *Adamsdown.*	141	130	—	6 10 4
Cardiff, *Wood Street*	143	105	—	6 7 6
" Bute Town N.	105	52	2	4 13 4
Cardiff, Parade Pub.	220	123	1	5 13 2
" Seamen's Bethel.	120	94	3	6 4 10
Cardiff, Wes. Boys'	120	94	5	11 4 5
" Wes. Girls'.	70	43	—	2 10 2
Carmarthen, *Pentrepoth.*	160	129	4	9 2 4
Carmarthen, Prac.	185	125	3	6 12 6
Carnarvon, Model N.	145	114	—	4 16 8
Cowbridge, *Maindy*	54	36	—	0 11 7
Crickhowell, B.	32	27	1	0 15 0
Cwm Avon, N.	143	133	8	5 19 3
" Oakwood	113	84	1	5 12 9
Dafen, Tin Works	180	149	7	11 10 7
Derwenlas	27	26	1	1 7 9
Dinas, Colliery B.	43	40	3	2 13 5
Dwygyfylchi, N.	72	58	2	3 1 10
Eglwysilian, *Coedpennaen.*	104	51	1	2 11 3
Eglwysilian, *Hawthorn.*	114	69	5	3 7 7
Eglwysilian, *Taff's Well.*	60	51	—	2 1 2
Glanogwen, N.	116	105	2	6 1 8
" Gerlan N.	90	53	1	2 14 9
Glyntaff N.	60	41	—	0 8 6
Gresford, N.	75	52	2	5 13 0
Haverfordwest, Barn Street.	50	18	2	2 6 5
Haverfordwest, N.	70	49	2	2 6 5
Hawarden C. E.	185	85	—	5 8 2
" St. Ethelwold's, N.	105	77	—	1 16 0
Hay, B.	120	89	4	5 2 6
" N.	125	101	—	4 6 4
Hendy, N.	240	160	3	7 7 2
Hirwain	130	73	7	3 16 3
Kilvey, Copper Works.	200	93	—	5 19 4
Kilvey, Copper Works.	207	97	2	8 11 7
Llancynfelin	115	67	1	2 15 8
Llanddausant, B.	50	43	1	2 13 10
Llandegai, N.	65	38	6	4 2 8
Llandovery, B.	208	189	9	10 9 8
" N.	75	60	—	0 18 6
Llandrindod, N.	52	38	—	2 15 6
Llanelly, *New Dock*	71	58	4	3 15 3
" *Old Road*	119	60	4	6 0 7
" *Park St.*	191	166	—	15 8 3
" Copper Works.	450	313	31	28 1 9
Llanelly N.	128	82	6	7 5 10
Llangeitho, B.	68	53	1	3 12 8
Llansadwrn	25	12	5	1 14 9
Llansamlet, *Bethel*	106	92	3	7 16 6
Llansantffraid, New B.	42	31	—	0 7 1
Llanstadwell, *Neyland.*	145	97	5	5 12 10
Llantrisant, *Beddan*	48	40	4	3 13 4
" "	32	31	1	2 18 0
" *Tonyrefail.*	125	107	3	9 13 6
Llantrisant, *Tonyrefail.*	120	79	4	5 19 0
Llantrisant, N.	164	128	7	4 12 5
" "	121	86	2	3 4 7
" Station N.	43	41	2	2 15 7
Llantwit Vaidre	100	80	—	0 2 9
Llantwit Vaidre, Treforest.	125	108	4	5 5 6
Llanwonno, *Ferndale Boys'.*	84	40	8	4 9 1
Llanwonno, *Porth*	79	58	2	5 6 6
" *Hafod*	85	64	9	4 8 5
Llanwrtyd	100	56	3	5 1 8
Llwynypia Colliery	156	146	4	8 7 11
Loughor, N.	34	29	5	2 18 2
Machynlleth, N.	71	52	2	2 6 4
Maesteg, Castle St. B.	128	120	5	6 9 2
Maesteg, Garth B.	100	77	1	3 9 7
" Llynvi Iron Works B.	340	253	14	12 17 10
Maesteg, Merthyr Colliery B.	80	74	3	1 7 10
Maesteg, Salem B.	70	59	4	2 2 3
Mallwyd, C. E.	61	52	1	5 11 4
Merthyr Tydfil, *Abermorlais.*	197	154	12	12 8 11
Merthyr Tydfil, *Twynyrodyn.*	85	62	7	7 19 4
Merthyr Tydfil, St. David's N.	190	116	11	11 5 4
Morriston, B.	93	62	1	5 1 7
Nantmel, *Gaufron*	30	28	2	2 11 8
" N.	40	30	1	1 12 1
Narberth	75	67	3	—*
Neath, B.	75	67	8	7 5 5
" Higher N.	60	44	—	2 19 7
" Skewen, N.	145	93	3	5 4 2
Newtown, N.	126	94	2	6 17 9
Pembroke Dock, *Albion Square.*	200	143	4	7 7 0

* Grant lapsed.

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	£ s. d.
Pembroke Dock. N.	325	214	13	17 12 7
Penarth, Boys	80	72	—	2 7 0
Pencoed	80	54	1	2 2 10
Penygelli	180	104	4	5 2 10
Pontardulais	156	107	—	3 16 10
Pontlottyn	110	85	6	10 16 3
Port Dinorwic, B.	80	68	2	4 7 4
Radyr, N.	36	29	2	0 10 2
" "	30	10	2	1 4 11
Rosset, N.	136	53	3	3 7 5
Ruabon, Cefn	120	89	4	2 9 8
St. David's	56	42	—	2 4 10
St. Ishmael's Par.	37	25	—	0 8 7
Swansea, N.	700	536	21	30 11 6
" Par.	362	206	13	3 5 2
Taibach, Copper Works.	153	103	3	8 14 8
Talybont, N.	90	34	2	1 0 6
" "	50	34	2	0 18 8
Tondû, B.	269	202	8	16 16 8
Trecastle, B.	62	59	1	5 13 3
Tredegarville, N.	135	105	2	6 12 10
Tregynon, C.E.	40	23	—	0 6 8
Trefnanney, Captain Mytton's C.E.	30	23	1	2 5 8
Treherbert, B.	188	171	8	11 0 11
Wiston, N.	54	38	2	3 13 6
Wrexham, Free	150	40	1	2 17 7
" N.	136	61	3	2 10 10
Ynysycynhaiarn, Portmadoc.	86	79	6	6 6 5
Ystalyfera, *Pantleg*	75	56	7	5 19 5
Ystradgynlais	42	35	2	4 15 10
Ystradyfodwg, *Trealaw.*	60	42	2	2 19 3

SCOTLAND.

				£ s. d.				£ s. d.
Abbey, Johnstone P.	160	145	10	12 10 9	Airdrie, Greengair's P.	157	94	2	5 11 0
" " Ludovic Square.	63	58	—	4 14 4	" Victoria P.	300	178	7	12 19 4
					" Free West Ch.	163	56	1	4 5 6
Abdie, P.	43	34	5	0 19 5					
Aberdeen, Dr. Brown's P.	169	103	4	10 14 6	Alford, Gallowhill P.	36	14	1	1 15 5
Aberdeen, Causewayend P.	395	281	12	14 4 7	Alford, Village	25	12	2	2 8 8
					Alloa, Burgh P.	142	106	5	12 6 1
Aberdeen, Commerce Street P.	224	185	7	8 16 9	" Ludgate P.	108	69	3	6 12 2
					" Tullibody P.	70	59	3	6 14 6
Aberdeen, Ferry Hill P.	260	208	4	12 12 2	" Acad.	84	71	—	12 17 0
					Alloway, P.	45	33	—	2 3 11
Aberdeen, Marywell Street P.	198	176	4	11 8 1	Alva, Park Place P.	480	362	10	18 1 9
Aberdeen, Middle P.,	310	290	10	17 2 6	Arbroath, Abbey P.	58	33	—	3 16 9
					" Inverbrothock P.	80	66	1	8 16 6
Aberdeen, Porthill P.	254	180	11	5 8 7					
Aberdeen, St. Andrew Street P.	180	157	3	7 12 1	Arbroath, Keptie P.	292	244	8	24 12 10
					" Parkhouse P.	49	32	—	0 18 5
Aberdeen, St. Clement Street P.	470	349	5	18 12 11	Ardrossan, No. 2 P.	180	156	—	6 16 10
					Auchinleck, Darnconner, Ch. of S.	110	79	4	6 12 4
Aberdeen, St. Paul Street P.	340	180	11	15 2 9					
					Auchterarder, Townhead P.	60	34	3	1 17 2
Aberdeen, Skene Street P.	280	240	8	11 17 2					
					Auchtergaven, P.	120	69	2	4 9 1
Aberdeen, Ch. of S. Pract.	397	310	8	25 7 3	" "	120	62	2	3 14 0
					Ayr, Grammar	231	145	2	8 10 10
Aberdeen, Dr. Bell's	200	128	10	8 5 4	" Newton-on-Ayr Acad.	103	67	3	4 13 0
" South Par. Free Ch.	325	273	11	23 8 0					
					Ayr, Newtonhead P.	80	42	7	5 4 2
Aberdeen, (Old) Dr. Bell's.	279	162	5	6 15 2	Baillieston, Sess.	140	118	2	11 16 1
					Balbeggie, P.	64	58	—	2 7 8
Airdrie, Albert P.	65	46	—	5 1 5	" "	80	49	—	3 2 11
" Acad.	219	128	2	7 12 6					

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	£ s. d.
Bankhead, Monikie P.	28	4	—	0 2 11
Banchory-Devenick P.	45	38	1	5 0 3
Bannockburn, Wilson's Acad.	67	38	3	2 14 11
Bargeddie, Sess.	120	78	2	5 16 3
Barleith, P.	28	21	2	1 7 7
Bathgate, Arnadale P.	135	99	6	14 6 8
Bathgate, Acad.	220	191	11	10 18 10
Beith, Acad. P.	111	94	4	7 5 8
„ Gateside P.	41	30	5	2 9 11
„ New St. P.	93	43	2	0 18 9
„ Greenhill's P.	57	37	3	0 19 5
Bervie, P.	71	61	2	0 14 1
Birsay, P.	66	62	1	5 11 2
Blairgowrie, P.	68	42	—	2 16 4
Bothwell, Bellshill P.	60	39	1	5 6 11
Blantyre (High) P.	306	241	6	13 7 2
„ (Low) P.	340	220	3	20 7 8
Boness, P.	127	48	5	3 13 4
Borrowstoun, P.	76	52	2	2 17 5
Bonhill, Alexandria P.	349	204	9	6 7 0
Bonhill, Jamestown P.	191	172	5	3 3 1
Bonhill, Main St. P.	100	95	5	2 12 0
Bonnybridge, P.	198	158	3	5 19 2
Bothwell, F. C.	99	87	1	4 5 5
Broughty Ferry, Eastern P.	230	183	2	10 15 8
Broughty Ferry, Western P.	120	108	—	6 1 5
Busby, P.	115	90	4	7 10 9
Cadder, Auchinairn P.	110	91	2	6 12 9
Calderhead, Allanton P.	25	17	—	0 19 8
Cambuslang, Busby Hill P.	60	42	2	3 7 0
Cambuslang, Kirkhill P.	87	76	2	11 18 11
Cambusnethan, P.	155	107	4	12 6 10
Cambusnethan, Berry Hill P.	180	117	5	9 4 7
Cambusnethan, Morningside P.	116	96	2	10 13 0
Cambusnethan, Wishaw Acad.	158	102	3	8 14 2
Cambusnethan, Wishaw P.	200	109	7	10 14 5
Cambusnethan, Wishaw, Waterloo P.	125	76	3	6 12 9
Campbeltown Gram. P.	108	77	—	5 16 4
Campbeltown Millknowe P.	130	101	1	4 3 2
Campsie, Craighead P.	58	54	—	2 12 10
Campsie, Lennoxtown P.	185	148	—	2 6 3
Cardross, Renton P.	160	64	1	4 12 10
Carluke, Kilncadzow P.	16	15	1	2 18 11
Carluke, Market Pl. P.	205	113	5	10 2 2
Carmunnock P.	50	43	—	4 6 8
Carnock, Cairneyhill P.	70	47	7	3 10 1
Carnwath, Old P.	40	30	3	6 11 4
„ Wilsontown Colliery	154	142	4	8 1 2
Carron, P.	52	35	3	2 16 0
Carstairs, P.	33	19	5	5 1 5
Cathcart, Crossmyloof P.	201	110	2	7 16 0
Cathcart P.	120	115	2	3 9 8
Cathcart, Queen's Park P.	208	179	6	10 5 2
Clarkston P.	225	188	3	8 17 1
Closeburn, Acad.	178	139	—	14 15 11
Coatbridge P.	357	350	6	19 5 9
Coatbridge, Calder Ironworks.	50	42	1	1 18 1
Coatbridge, Gartsherrie Acad.	218	166	2	12 4 6
Coatbridge, Gartsherrie Works.	192	100	2	6 6 3
Coatbridge, Rosehall Colliery.	50	44	4	4 5 8
Collessie P.	36	32	1	0 18 9
Condorrat P.	60	43	1	2 10 1
Cronberry, Eglinton Iron Works.	76	74	1	5 4 3
Croy, Drumglass	177	177	—	11 5 1
Cumbernauld P.	108	77	1	5 17 10
Cumnock (Old) P.	109	84	11	11 0 6
Cupar, Madras Acad.	67	48	5	3 7 6
Dalkeith, P.	72	45	1	5 8 2
Dalry, Townend P.	251	145	5	7 0 8
„ West End P.	231	214	9	27 3 8
Dalrymple P.	45	20	—	0 15 10
Dalserf P.	182	117	2	19 9 2
Dalziel, Craigneuk P.	83	65	2	3 1 3
Dalziel, P.	206	158	—	5 4 0
Dalziel, Motherwell P.	94	81	—	2 8 10
Daviot, Farr P.	46	32	—	1 17 11
Denny, Longcroft P.	80	69	2	4 1 7
Dingwall P.	186	154	4	8 18 7
Dollar Inst.	70	38	—	2 17 7
Douglas P.	56	55	1	5 14 2
„ Rigside P.	80	72	2	6 15 0
Dryfesdale, P.	182	93	8	12 7 7
Dumbarton, Burgh Acad.	300	243	7	20 2 4
Dumbarton, College St. P.	150	88	7	4 4 5
Dumbarton, West Bridgend P.	134	19	—	1 2 5
Dumbarton, Epis.	70	64	3	4 5 8

Instruction in Drawing in Elementary Day Schools—*continued.*

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		Children.	Pupil-teachers and paid Monitors.	£ s. d.
Dunblane, Braco East P.	10	9	—	0 8 9
Dunblane, Braco West P.	14	12	1	1 5 2
Dumfries, Loreburn St. P.	100	58	—	1 9 1
Dumfries, Noblehill P.	37	18	1	1 10 11
Dumfries, St. Michael St. P.	120	63	—	2 6 8
Dumfries, St. David's Street Epis.	58	41	—	1 1 7
Dunbarney P.	68	50	1	6 9 6
Dundee, Drumgeith P.	100	65	1	3 18 6
Dundee, Dudhope P.	88	68	—	3 8 0
„ Lochee, Ancrum Rd. P.	64	48	2	2 14 7
Dundee, Lochee, South Road P.	20	14	—	1 0 7
Dundee, Glebe Lands P.	164	144	10	10 6 8
Dundee, Euclid Crescent.	48	48	—	2 6 3
Dundee, St. Andrew's Sess.	109	85	—	3 7 7
Dundee, St. Salvador's Boys'.	86	73	4	4 14 6
Dunfermline, Commercial P.	140	116	1	6 1 1
Dunfermline, Pittencrieff P.	70	57	—	3 7 6
Dunfermline, St. Leonard's P.	174	123	1	9 18 10
Dunkeld, Grammar	52	48	—	4 3 6
Dunning, P.	67	49	1	3 10 11
Dunoon, P.	30	25	—	0 18 4
„ Free Ch.	58	41	1	4 7 2
Dysart, Gallatown P.	94	83	2	8 13 10
„ Burgh P.	94	66	4	6 8 8
„ Pathhead P.	178	153	7	10 15 10
Dysart, Sinclairtown P.	170	126	6	15 12 0
Eastwood, Pollokshaws P.	67	52	1	4 3 3
Eastwood, Thornliebank P.	238	170	4	8 6 8
Edinburgh, Buccleuch.	130	40	3	2 1 3
Edinburgh, Coltbridge P.	55	34	3	3 18 4
Edinburgh, Ch. of Scot. Pract.	550	323	1	24 0 2
Edinburgh, Deaf and Dumb Inst.	40	31	—	0 13 0
Edinburgh, James Gillespie's.	300	154	—	7 19 8
Edinburgh, Moray House Pract.	567	397	11	24 6 2
Edinburgh, Newington F. C.	138	101	—	8 0 7
Edinburgh, Dr. Bell's, Niddry St.	180	90	1	5 19 0
Edinburgh, St. Andrew's Epis.	48	32	6	2 10 11
Edinburgh, St. George's.	201	187	—	16 13 10
Elgin (Girls')	120	83	8	4 0 5
Elgin, Bishopmill P.	58	55	3	3 0 3
Elgin, West End P.	160	118	2	8 14 11
Ellon P.	193	79	4	6 12 5
Errol, Mylnefield P.	50	16	—	0 15 10
„ „	59	39	—	2 16 0
Erskine, P.	60	47	—	2 15 1
Falkirk, Camelon P.	100	95	2	7 7 0
„ Central	120	67	—	4 11 9
„ Comely Park.	170	60	—	3 8 3
Falkirk, Laurieston P.	130	113	2	9 3 0
Falkirk, Northern P.	180	76	5	5 4 6
Falkirk, Southern P.	171	117	—	10 4 9
Fauldhouse, Greenhills Colliery.	64	52	6	11 5 8
Ferry Port-on-Craig P.	132	127	5	23 15 7
Ferry Port-on-Craig, P.	165	148	5	12 4 0
Fetteresso, Cairnhill P.	29	21	2	0 17 2
Fetteresso, Stonehaven P.	130	95	1	6 16 6
Fordoun, Landsend P.	40	30	—	0 11 0
Forfar, Acad.	88	52	—	4 8 8
„ East Burgh P.	95	59	—	5 1 7
Forfar, Indus. P.	38	5	—	Nil.
„ North Burgh P.	168	88	—	4 16 11
Forfar, Par. P.	90	61	1	4 2 7
„ Well Brae Head P.	5	4	—	0 4 6
Forfar, West Burgh P.	148	81	1	3 8 3
Forgan, P.	59	50	3	3 18 0
„ Newport P.	160	120	3	9 5 9
Forgue, Largue P.	47	38	1	3 2 5
Forteviot P.	30	25	—	—*
Fullarton, P.	41	30	3	3 3 2
Galashiels P.	270	207	3	12 7 9
„ Burgh P.	580	369	12	14 2 10
„ Laidhope, P.	156	121	4	9 18 2
Gamrie, Bracoden P.	45	18	—	1 1 9
Gamrie, Macduff P.	56	35	—	3 3 3
Gartmore, Dalmary Sess.	21	19	—	1 5 9
Girvan, Burgh P.	204	162	8	23 0 0
„ Par.	85	67	2	3 14 4

* Grant lapsed.

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.	Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	£ s. d.			Children.	Pupil-teachers and paid Monitors.	£ s. d.
Glasgow, Abbotsford P.	250	218	6	12 16 3	Glasgow, Rockvilla P.	350	149	7	8 3 10
Glasgow, Anderston P.	395	236	10	20 1 2	Glasgow, Rose St. P.	270	133	7	4 5 1
Glasgow, Barrowfield P.	413	279	8	13 3 2	Glasgow, Rumford St. P.	263	190	9	11 12 11
Glasgow, Bishop St. P.	400	355	15	14 5 4	Glasgow, St. Rollox P.	350	206	4	7 13 6
Glasgow, Bridgeton P.	131	107	1	5 8 9	Glasgow, Sister St. P.	250	167	8	9 2 5
Glasgow, Buchan St. P.	160	122	3	3 19 1	Glasgow, Springburn P.	227	221	5	9 3 7
Glasgow, Camden St. P.	307	171	7	12 15 0	Glasgow, Stirling St. P.	350	264	8	10 0 2
Glasgow, Camlachie P.	150	108	2	6 2 10	Glasgow, Thomson St. P.	560	393	10	20 5 2
Glasgow, Campbellfield, P.	137	115	3	6 10 7	Glasgow, Tureen St. P.	338	256	6	12 3 11
Glasgow, Centre St. P.	425	342	11	18 1 0	Glasgow, Bridgeton Sess.	197	130	2	6 2 5
Glasgow, City Boys' P.	242	221	—	15 1 8	Glasgow, Calton Par. Sess.	169	105	8	12 8 11
Glasgow, City Girls' P.	550	250	3	17 1 6	Glasgow, C. of S. Prac.	524	373	11	23 11 7
Glasgow, Crookston St. P.	507	400	12	27 2 7	Glasgow, Inst. for Deaf and Dumb.	71	39	—	2 12 9
Glasgow, Dobbie's Loan P.	120	100	5	4 9 10	Glasgow, Highland Soc.	372	228	10	15 9 5
Glasgow, Finnieston P.	146	112	1	4 1 2	Glasgow, Kinning Park E. C.	150	107	2	7 14 11
Glasgow, Freeland P.	104	75	2	7 14 7	Glasgow, Murdoch's P.	70	66	4	3 14 10
Glasgow Garnethill P.	503	430	10	21 11 7	Glasgow, St. David's	192	155	2	12 14 1
Glasgow, George St. P.	467	252	4	11 11 4	" St. Francis	200	126	6	8 7 9
Glasgow, Glenpark P.	102	94	1	6 15 9	" St. George's	75	59	2	4 8 8
Glasgow, Graeme St. P.	280	212	10	8 4 8	" St. John's, Annfield.	290	186	3	12 6 2
Glasgow, Greenside St. P.	329	256	9	13 5 7	Glasgow, St. Mary's Epis.	140	120	4	8 15 3
Glasgow, Grove St. P.	270	138	6	9 13 9	Glasgow, St. Matthew's F. C.	170	109	2	4 6 4
Glasgow, Henderson St. P.	553	422	13	19 18 10	Glasgow, St. Matthew's Sess.	218	210	8	25 7 10
Glasgow, Hozier St. P.	166	111	2	5 8 1	Glasgow, St. Paul's Balfour.	130	115	3	5 14 5
Glasgow, Kennedy St. P.	471	373	9	17 18 4	Glasgow, St. Paul's Par.	100	72	5	1 16 1
Glasgow, Keppochhill P.	96	77	2	7 10 2	Glasgow, St. Stephen's.	283	106	2	6 11 11
Glasgow, Martyrs' P.	169	126	2	4 6 5	Glenaray, Newtown P.	44	43	1	8 14 1
" Mathieson St. P.	230	166	5	13 6 4	Glenaray, Newtown P.	55	54	1	3 8 2
Glasgow, Oakbank P.	259	209	7	18 18 9	Glenisla P. - -	24	15	1	1 1 7
Glasgow, Overnewton P.	386	327	13	24 9 11	Gorgie, P. - -	66	31	1	3 3 5
Glasgow, Oatlands P.	552	328	15	23 8 1	Gourock, Central P.	134	97	2	9 15 11
Glasgow, Parkhead P.	199	167	2	6 12 5	Govan, Broomloan Road P.	210	159	2	9 3 11
					Govanhill, Calder St. P.	300	193	8	8 4 6
					Govan, Copeland Road P.	260	172	5	10 15 4

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	£ s. d.
Govan, Fairfield P.	296	151	6	8 17 9
„ Cross P. -	52	31	—	2 18 9
„ Kinning Park P.	405	377	3	16 5 10
Govan, Lambhill St. P.	934	658	8	26 6 8
Govan, Partick, Anderson St. P.	256	248	5	12 4 3
Govan, Partick, Church St. P.	330	292	8	23 13 6
Govan, Partick, Rosevale St. P.	314	154	7	11 4 8
Govan, Pollokshields P.	445	297	4	35 12 5
Govan, Whiteinch P.	175	74	6	7 2 11
Govan, Hill's Trust P.	233	198	3	12 14 4
Grangemouth, Dundas P.	228	206	7	23 5 9
Grangemouth, Zetland P.	200	113	4	7 4 0
Grantown, Gram. -	70	21	—	0 15 9
Greenock, Alan Ker P.	130	96	—	2 15 10
Greenock, Belville Place P.	270	148	9	9 4 11
Greenock, Charity P.	57	33	8	1 14 4
„ Crawfordsburn P.	175	122	2	5 7 0
Greenock, Duncan Street P.	80	48	—	2 19 4
Greenock, Glebe P.	206	144	8	9 5 8
Greenock, Mearns Street P.	270	225	8	16 18 2
Greenock, St. Andrew's Square P.	179	145	5	8 5 9
Greenock, Sir Michael Street P.	120	107	3	6 1 0
Greenock, Shaw St. P.	150	52	6	4 1 0
Greenock, Highlanders' Acad. P.	211	151	3	4 9 0
Greenock, St. Lawrence R. C. Boys'.	56	51	2	2 0 9
Haddington, Burgh Primary.	80	64	—	2 12 0
Haddington, Landward P.	125	108	3	4 5 2
Hamilton, Greenfield P.	160	137	—	5 15 6
Hamilton, Holytown P.	50	41	1	2 17 5
Hamilton, Quarter P.	135	69	—	6 18 0
Hamilton, St. John's F. C.	284	250	1	13 15 2
Hawick, Buccleuch P.	220	130	5	9 4 8
Hawick, Drumlanrig P.	67	46	4	4 11 0
Houston, Bridge of Weir, P.	69	50	1	3 1 10
Innerleithen P. -	80	70	—	5 3 0
Inverkeilor, Chapelton P.	64	48	2	6 17 1
Inverness, Central P.	150	72	—	3 8 0
„ High P. -	238	172	—	6 19 11
„ Merkinch P.	260	114	—	2 13 8
Inverness, Cathedral Boys'.	150	108	1	3 10 4
Inverness, Dr. Bell's (Farraline Park.)	343	109	4	4 8 1
Inverness, Rainings'	160	137	3	10 5 9
Inverurie, Market Place P.	27	22	3	1 4 7
Jedburgh, St. John's Epis.	40	23	—	0 15 8
Keig P. - - -	30	28	—	3 12 2
Kelton, Castle Douglas "B" P.	56	46	1	0 19 10
Kelton Castle Douglas "A" P.	63	48	2	5 16 2
Kelvinhaugh, Sess. -	126	103	4	6 0 1
Kilbarchan, New St. P.	88	60	2	3 9 7
Kilbride (East) P. -	55	47	—	4 11 2
Kilmalcolm, P. -	140	110	—	3 16 0
Kilmallie, Fort William P.	28	25	—	3 0 8
Kilmarnock, Acad. P.	460	250	10	39 15 2
Kilmarnock, Glencairn P.	130	126	—	5 3 3
Kilmarnock, High Street P.	120	69	1	2 19 2
Kilmarnock, Kay's Endowed (Bentinck Street).	120	82	—	3 6 6
Kilmarnock, Langlands St., Roses' Acad.	108	61	—	0 12 9
Kilmarnock, Kay's Endowed, Wellington Street.	84	30	—	3 0 5
Kilmaurs, Crosshouse P.	234	178	3	3 13 6
Kilpatrick, Milngavie P.	158	112	5	12 3 6
Kilpatrick, New Kilpatrick P.	115	97	1	5 12 5
Kilsyth, Craigends Acad.	260	111	3	8 8 0
Kilwinning, Fergushill P.	64	54	1	5 10 6
Kilwinning, Union Place P.	152	121	5	12 18 6
Kilwinning, Eglinton Iron Works.	154	128	4	11 2 2
Kincardine, O'Neil P.	80	65	—	2 7 4
Kincardine, O'Neil Torphin's P.	50	33	—	1 4 3
Kingussie, P. - -	96	65	2	4 14 0
Kinross, North P. -	91	83	1	2 10 9

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results, Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	£ s. d.
Kirkcaldy, Burgh P.	84	73	5	9 19 5
Kirkintilloch, Lairdsland P.	150	114	6	6 18 3
Kirkintilloch, Oswald P.	312	246	7	13 16 2
Kirriemuir, Webster's Seminary.	68	48	3	2 17 6
Lanark, Burgh -	87	67	—	4 2 10
Lanark, Gram. P. -	90	74	—	5 10 8
Langbank, Undercraig P.	45	37	1	2 10 6
Larbert, P. - -	119	77	4	5 19 0
„ Carronshore P.	60	25	2	0 6 8
Larbert, Stenhousemuir P.	50	22	—	0 2 0
Larbert, Village P. -	50	27	—	1 18 1
Larkhall, Acad. -	188	112	2	7 8 4
„ Glengowan	111	73	3	8 12 10
„ Muir St. P.	120	96	3	4 15 6
Larkhall Shawsburn (Dalserf) P.	134	88	2	9 8 11
Lauder, P. - -	72	35	—	3 15 2
Laurencekirk, P. -	144	99	2	8 12 9
Laurencekirk Redmyre P.	39	29	—	2 5 8
Leith, Bonnington Road P.	93	89	1	5 17 6
Leith, Link's Place P.	120	106	2	6 6 0
Leith, Lorne Street P.	206	94	—	5 2 3
Leith, St. James' Epis.	140	98	5	5 2 10
Lerwick, First P. -	178	167	6	10 4 4
„ Infant P. -	40	40	—	2 12 10
Lesmahagow, Blackwood, P.	60	42	—	3 10 3
Lesmahagow, Boys' P.	125	79	2	8 4 1
Lesmahagow, Hawksland P.	45	34	—	2 18 6
Lesmahagow, Underbank P.	48	30	4	5 6 11
Liff, P. - - -	70	50	—	2 8 5
„ Muirhead P. -	48	35	—	3 1 7
Lilliesleaf, P. - -	32	28	1	0 16 5
Lochgilphead, P. -	45	27	2	2 7 2
Lochwinnoch, Church St. P.	58	52	—	5 5 10
Lochwinnoch, Howwood P.	34	32	1	2 3 8
Loudoun, Darvel P.	111	98	2	4 12 8
„ Newmiln's P.	126	96	3	4 4 8
Lugar, Ironworks -	120	94	1	4 6 0
Machar (Old), Aberdeen (Old) P.	160	154	2	5 14 8
Machar (Old), Ruthrieston P.	111	63	3	7 18 3
Machar (Old), Woodside P.	620	200	15	16 2 7
Markinch P. - -	110	68	4	8 1 4
Mary Hill, Church St. P.	120	44	2	4 2 9
Mary Hill, Main St., P.	154	74	5	6 11 8
Mary Hill, Possil P.	187	80	—	5 17 3
Marykirk, P. - -	50	25	3	4 4 8
Maybole, P. - -	240	202	6	11 1 11
Meldrum (Old), Commercial Road.	133	93	4	6 0 1
Melrose, P. - -	133	112	3	9 2 4
Melrose. Newtown St. Boswell's P.	60	57	3	2 19 6
Midcalder, P. - -	84	52	3	4 1 7
Mochrum, Port William P.	59	51	2	10 12 3
Monkland (Old), P.	62	57	1	4 13 2
Monkland (Old), Langloan P.	120	50	1	3 13 9
Monkland, (Old), Mount Vernon P.	118	70	—	4 15 2
Monkland, (Old), West Maryston P.	110	76	2	6 19 8
Montrose, Ferryden Senior P.	40	39	—	2 17 5
Montrose, High St. P.	55	35	—	0 10 3
Montrose, Lochside P.	55	42	—	0 8 5
Montrose, Townhead Senior P.	110	89	—	4 15 4
Montrose, Whites Place P.	163	105	3	2 4 4
Morningside, Subscription.	70	48	1	3 11 0
Muirkirk P. - -	152	117	—	3 19 3
Muirkirk, Iron Works.	196	132	4	13 0 6
Murroes, P. - -	65	59	2	5 4 9
Murthly and Airntully P.	56	35	1	3 7 4
Nairn, Church St. P.	80	79	1	4 15 8
Newmains, Coltness Iron Works.	295	192	4	12 9 9
North Berwick, P. -	20	14	2	2 4 0
Nigg, Cove P. - -	12	8	—	0 6 10
Oban, St. John's Epis. Girls.'	6	3	2	0 14 4
Oban, High P. - -	22	18	4	1 15 2
Overtown, Coltness Iron Works.	144	117	2	7 15 9
Paisley, Adelphi Hall P.	70	44	4	3 3 7
Paisley, Carbrook Street P.	119	87	2	3 14 6
Paisley, Central P.	119	96	6	3 9 4
„ East P. -	264	207	7	15 4 0
„ Mossvale P.	95	54	4	2 8 3
Paisley, North P. -	280	254	9	11 4 9
„ South P.	250	215	9	13 16 8

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined.		Total Amount of Grants on Results. Cost of Prizes and Examples.
		Children.	Pupil-teachers and paid Monitors.	£ s. d.
Paisley, Stevenson St. P.	260	165	7	4 14 9
Paisley, West P. -	353	307	15	17 1 6
„ Neilson Educ. Inst.	385	339	14	25 9 11
Perth, Kinnoull P. -	230	196	3	11 16 10
„ Northern Dist. P.	250	140	10	16 3 2
Perth, Southern Dist. P.	323	273	9	17 18 0
Perth, Watergate P.	55	49	2	5 14 1
„ (East) Cherry bank P.	141	82	1	6 9 11
Perth, St. Andrew's Epis.	412	189	5	4 8 11
Perth, Sharp's Educ. Inst.	250	232	—	12 3 10
Peterhead, Female P.	136	108	4	8 14 10
Pitsligo, Rosehearty P.	63	27	—	0 17 6
Pollokshaws Academy	210	146	3	10 11 1
Port Glasgow, Chapelton P.	140	117	3	6 1 6
Port Glasgow, St. Mary's Epis.	49	33	2	3 7 10
Port Glasgow, St. John's Boys R. C.	124	115	1	6 12 3
Port Glasgow, St. John's Girls' R. C.	100	65	—	2 4 9
Portobello Burgh -	320	185	7	11 6 8
Preston Pans, P. -	80	51	4	6 5 6
Queensferry, Burgh	149	54	—	2 6 11
Redgorton, Pitcairngreen P.	23	13	1	0 18 8
Redgorton, Pitcairngreen P.	26	22	1	0 15 10
Rerrick, Auchencairn P.	76	69	2	6 17 1
Renfrew, Blytheswood Sess.	126	105	2	9 5 8
Riccarton, Hurlford P.	197	121	1	4 17 10
Rothesay, Acad. P. -	220	137	3	9 4 3
„ P. - -	156	109	6	6 4 4
Row, P. - - -	57	35	—	0 16 5
„ Garelochhead P.	56	46	1	4 16 3
Row, Hermitage P.	247	134	2	20 13 10
Helensburgh, Grant Street, P.	140	61	2	4 1 3
Rowallan, P. - -	80	56	—	4 4 9
Rutherglen, Burgh P.	82	58	1	4 0 7
Rutherglen, Farie St. P.	270	94	2	6 6 9
Rutherglen, Macdonald P.	87	61	1	5 1 3
Rutherglen, Eastfield P.	66	59	3	3 5 0
Salen, P. - - -	11	10	—	0 12 4
St. Andrew's Lhanbryd P.	90	80	—	4 6 10
Saltcoats, Acad. -	90	37	—	2 12
Sandsting, Gruting P.	46	24	1	2 9
Scone, (New) P. -	145	82	1	4 15
Shettleston, Tollcross, P.	84	46	3	4 12
Shotts, Calderhead P.	207	183	3	7 14
Shotts, Greenhill P.	60	37	1	2 4 3
„ Harthill P. -	166	99	3	4 15 2
„ P. - -	64	46	—	2 8 9
„ F. C. - -	103	100	3	3 0 10
Slamannan. F. C. -	82	62	2	2 19 7
Sorn, Catrine P. -	81	75	6	10 0 8
„ „ -	84	69	5	5 14 7
„ Catrine Woodside P.	42	34	1	2 11 1
Sorn, Catrine Woodside P.	32	29	1	2 5 0
Sorn, P. - - -	40	32	—	3 10 7
Springburn, P. -	136	116	4	11 5 2
Stevenston P. - -	148	132	3	15 10 0
Stirling, Allan's P. -	180	145	—	7 17 6
„ Craig's P. -	300	141	—	8 19 1
„ St. Ninian's P.	150	76	—	4 13 11
Stirling, Spittal Square, Elementary High.	90	80	—	6 14 4
Stonehouse Townhead P.	42	40	2	3 19 11
Stonehouse Territorial P.	130	80	—	2 18 1
Strathmiglo, West End.	161	70	5	7 1 11
Tarbolton, P. - -	62	49	1	3 11 3
Thurso, F.C. - -	64	46	5	5 7 0
„ Miller Inst.	79	53	6	7 10 3
Tibbermore, Ruthvenfield P.	52	41	—	4 3 1
Tillicoultry, P. -	120	93	—	5 14 10
„ P. -	164	101	—	7 5 11
„ Coalsnaughton P.	32	30	—	2 19 4
Turriff, Fintry P. -	31	29	1	3 12 1
„ Victoria Terrace P.	70	59	4	3 17 0
Udny, Udny Green P.	45	13	—	0 12 11
Urquhart, P. - -	78	65	2	4 3 3
Urr, Dalbeattie P. -	120	81	5	3 16 10
Whitburn, Wilson's P.	164	128	4	11 11 10
Whitburn, Benhar -	173	137	4	14 2 7
„ Crofthead P.	68	50	3	2 1 3
Wick, North P. -	165	149	5	3 2 7
„ Pulteneytown Acad.	220	111	12	16 17 3

Instruction in Drawing in Elementary Day Schools—*continued.*

Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined. Children.	No. examined. Pupil-teachers and paid Monitors.	Total Amount of Grants on Results, Cost of Prizes and Examples.	Name and Denomination of School.	No. of Children, paid Monitors, and Pupil-teachers taught Drawing.	No. examined. Children.	No. examined. Pupil-teachers and paid Monitors.	Total Amount of Grants on Results, Cost of Prizes and Examples.
IRELAND.									
				£ s. d.					£ s. d.
Artane, Indust.	300	157	19	6 15 3	Dublin, Synge St. Christian.	300	195	1	11 6 4
Cabra, Deaf and Dumb Inst.	110	61	3	3 4 7	Dublin, Westland Row, Christian Brothers.	230	179	2	7 9 8
Clonmel, Christian Brothers', Irishtown.	50	45	—	3 3 5	Dublin, St. Mary's Pl. Christ. Brothers.	120	60	—	4 3 4
Clonmel, Christian Brothers Francis St.	258	73	—	2 13 0	Dublin, Strand St. Christ. Brothers.	110	50	2	4 5 1
Dublin, Christian Brothers, North Brunswick St.	70	47	6	4 9 2	Dublin, Ch. of Ireland Training Coll.	320	207	11	7 7 3
Dublin, St. James', Christ.	320	165	10	12 3 10	Dublin, Ralph Machlin End.	55	37	—	2 2 11
Dublin, Richmond St. Christian.	300	156	8	8 16 2	Dublin, St. John's United Parl.	98	36	—	—*
Dublin, St. Lawrence O'Toole's Christ.	200	67	—	3 9 6	Dublin, Merchant Tailors' Endowed.	42	42	—	1 11 9
					Parsonstown. Birr Convent, N.	147	81	6	5 6 0

* Not claimed.

UNITED KINGDOM.

—	Number taught Drawing.	Children. No. examined in 1st and 2nd Grades.	Children. No. of Exercises on.*	Pupil-teachers and paid Monitors. No. examined.	Pupil-teachers and paid Monitors. No. of Exercises on.*	No. of Prizes obtained.	Amount of Payments made to the School on account of Drawing.	Cost of Prizes and Examples.	Total.
Totals for—							£ s. d.	£ s. d.	£ s. d.
1882, 4,812 Schools	842,100	572,188	425,528	12,373	3,678	25,007	31,304 5 0	3,744 10 9	35,048 15 9
1881, 5,097 „	850,563	631,708	427,592	13,628	4,614	24,631	31,626 7 5	3,914 4 4	35,540 11 9
1880 4,758 „	768,661	554,785	566,308	13,494	5,425	43,107	43,203 1 8	5,750 1 11	48,953 3 7
1879, 4,489 „	725,129	541,729	421,838	13,132	3,901	32,122	34,057 15 0	4,765 0 0	38,822 15 0
1878, 4,170 „	660,531	503,443	365,785	12,937	3,048	26,155	28,813 14 0	4,301 13 1	33,115 7 1
1877, 3,767 „	549,010	403,208	332,208	11,018	2,897	27,756	27,965 4 5	4,866 3 1	32,831 7 6
1876, 3,335 „	460,961	331,348	264,294	9,502	2,628	16,905	22,063 17 6	2,831 15 11	24,895 13 5
1875, 2,944 „	387,640	274,850	202,704	7,858	2,297	13,758	17,663 12 0	2,239 13 1	19,903 5 1
1874, 2,373 „	290,425	211,141	166,593	6,622	2,337	13,249	15,181 19 0	2,341 7 10	17,523 6 10
1873, 2,074 „	237,733	166,175	136,419	5,219	1,988	15,437	13,040 8 0	2,487 9 4	15,527 17 4
1872, 1,770 „	194,549	130,778	104,021	4,743	1,441	11,156	9,964 7 0	1,552 11 1	11,516 18 1

* *Since 1876 payments* have been made on more than one Exercise worked by the same child or pupil-teacher.

3. RESULTS of the EXAMINATIONS held in the TRAINING COLLEGES under INSPECTION, for CERTIFICATES in DRAWING, 1882.—(TABLE B.)

Name of Training College.	Students.		Pupil-teachers and Teachers.		No. of Candidates who obtained Prizes.	No. of Full Certificates granted.	Payments on Results.	Cost of Prizes and Aid towards Purchase of Examples.	Total Aid.
	No. Examined.	No. Successful.	No. Examined.	No. Successful.					
ENGLAND AND WALES.									
(*For Masters only.*)							£ s. d.	£ s. d.	£ s. d.
Bangor (Normal)	50	35	—	—	7	8	16 10 0	3 19 5	20 9 5
Battersea (National Society's).	59	47	34	17	7	41	9 10 0	4 1 1	13 11 1
Borough Road (British and Foreign School Society's).	69	47	47	20	5	45	10 10 0	2 17 6	13 7 6
Carmarthen (National Society's).	53	42	17	11	9	19	23 0 0	6 5 6	29 5 6
Carnarvon (Church of England).	36	28	2	—	9	4	19 10 0	5 17 10	25 7 10
Chelsea, St. Mark's (National Society's).	75	52	29	17	9	43	17 0 0	5 4 7	22 4 7
Cheltenham (Church of England).	56	35	18	8	10	18	17 0 0	6 6 8	23 6 8
Chester (Diocesan)	85	51	34	18	15	28	23 0 0	9 2 1	32 2 1
Culham (Oxford Diocesan)	65	43	2	2	14	17	21 0 0	9 1 1	30 1 1
Durham (Diocesan)	50	31	81	34	6	42	13 10 0	3 0 4	16 10 4
Exeter (Diocesan)	51	36	16	9	15	15	20 0 0	8 12 6	28 12 6
Hammersmith, St. Mary's (Roman Catholic).	44	31	4	2	13	12	17 10 0	8 0 7	25 10 7
Peterborough (Church of England).	40	35	16	9	18	12	21 10 0	12 12 7	34 2 7
Saltley (Worcester Diocesan).	76	55	99	66	15	76	22 10 0	9 2 4	31 12 4
Westminster (Wesleyan)	79	50	23	11	16	27	18 10 0	9 1 3	27 11 3
Winchester (Diocesan)	45	41	17	14	15	32	22 0 0	8 8 5	30 8 5
York and Ripon (Diocesan)	51	32	80	31	10	36	17 0 0	5 15 0	22 15 0
(*For Mistresses only.*)									
Bishop's Stortford (Rochester Diocesan).	59	38	5	5	18	5	30 0 0	12 16 6	42 16 6
Brighton (Chichester Diocesan).	65	42	14	7	7	12	26 10 0	4 12 0	31 2 0
Bristol, Gloucester, and Oxford (Diocesan).	77	63	23	14	28	19	51 0 0	17 7 10	68 7 10
Cheltenham (Church of England).	53	37	5	2	8	9	23 0 0	5 6 4	28 6 4
Chichester (Bishop Otter's Memorial).	29	23	1	—	10	4	15 0 0	6 16 5	21 16 5
Darlington (British and Foreign Sch. Society's).	70	51	2	2	15	13	31 10 0	9 17 9	41 7 9
Derby (Lichfield Diocesan).	43	25	38	20	8	20	15 10 0	5 4 1	20 14 1
Durham (Diocesan)	66	49	17	7	16	10	33 10 0	9 2 5	42 12 5
Gray's Inn Road (Home and Colonial School Society's).	154	97	33	18	22	18	44 0 0	12 0 9	56 0 9
Lincoln (Diocesan)	40	16	20	10	5	12	7 0 0	2 18 2	9 18 2
Liverpool (Roman Catholic).	101	74	26	13	23	21	49 10 0	14 3 2	63 13 2
Norwich (Diocesan)	58	18	15	11	4	11	10 0 0	2 6 9	12 6 9
Oxford (Diocesan)	27	26	4	1	15	2	18 0 0	7 14 1	25 14 1
Ripon (York and Ripon Diocesan).	58	27	8	3	5	7	14 0 0	2 17 8	16 17 8
Salisbury (Diocesan)	76	41	4	2	12	6	27 0 0	8 1 7	35 1 7
Southlands, Battersea (Wesleyan).	99	41	14	9	8	10	25 0 0	6 11 3	31 11 3

Appendix D.

EXAMINATION OF TRAINING COLLEGES.

Results of the Examinations, &c.—*cont.*

Name of Training College.	Students.		Pupil-teachers and Teachers.		No. of Candidates who obtained Prizes.	No. of Full Certificates granted.	Payments on Results.	Cost of Prizes and Aid towards Purchase of Examples.	Total Aid.
	No. Examined.	No. Successful.	No. Examined.	No. Successful.					
							£ s. d.	£ s. d.	£ s. d.
Stockwell (British and Foreign Sch. Society's).	107	76	45	17	17	39	29 10 0	9 13 4	39 3 4
Swansea (British and Foreign Sch. Society's).	54	29	4	4	7	12	15 0 0	5 16 5	20 16 5
Tottenham (Christian Knowledge and National Society's).	95	47	12	4	7	6	26 10 0	10 3 9	36 13 9
Truro (Exeter Diocesan)	40	15	7	5	3	7	8 10 0	1 19 10	10 9 10
Wandsworth (Roman Catholic).	36	17	7	4	4	4	11 0 0	2 15 7	13 15 7
Warrington (Chester Diocesan).	106	42	8	6	12	4	25 10 0	7 8 7	32 18 7
Whitelands (National Society's).	131	86	36	13	11	29	38 0 0	6 3 11	44 3 11
For Masters and Mistresses.									
Homerton (Congregational).	38	27	92	40	6	32	10 0 0	3 13 3	13 13 3
SCOTLAND.									
For Mistresses only.									
Aberdeen (Church of Scotland).	64	47	8	3	18	9	30 10 0	11 2 1	41 12 1
" (Free Church)	72	35	8	4	9	6	21 10 0	5 18 5	27 8 5
Edinburgh (Dalry House Scottish Episcopal).	54	28	1	—	7	3	16 10 0	4 1 3	20 11 3
For Masters and Mistresses.									
Edinburgh, Castle Hill Terrace and Chambers Street (Church of Scotland).	147	90	20	12	24	28	55 0 0	13 1 9	68 1 9
Edinburgh, Moray House (Free Church).	169	88	23	7	19	24	42 0 0	11 1 6	53 1 6
Glasgow (Dundas Vale Church of Scotland).	128	95	57	26	34	36	63 0 0	23 2 7	86 2 7
Glasgow (Free Church).	154	111	35	13	40	46	66 0 0	25 3 6	91 3 6
Totals for 1882 . .	3,454	2,192	1,111*	551*	615*	939†	1188 10 0	386 11 3	1575 1 3
" for 1881 . .	3,501	2,303	1,026	595	637	1,062	1215 0 0	406 17 8	1621 17 8
" for 1880 . .	3,568	2,361	1,087	618	609	975	1342 10 0	399 17 11	1742 7 11
" for 1879 . .	3,698	2,303	986	557	608	958	1261 10 0	341 16 8	1603 6 8
" for 1878 . .	3,775	2,640	898	534	756	880	1583 10 0	410 4 10	1993 14 10
" for 1877 . .	3,714	2,325	806	447	911	697	1393 0 0	343 18 4	1736 18 4
" for 1876 . .	3,685	1,910	692	372	561	609	1285 0 0	272 18 10	1557 18 10
" for 1875 . .	3,653	2,155	752	453	567	706	428 10 0	250 3 0	678 13 0
" for 1874 . .	3,475	2,406	709	477	810	711	504 10 0	351 7 9	855 17 9
" for 1873 . .	3,419	2,481	636	417	1,027	636	504 0 0	411 15 4	915 15 4

* A supplementary examination of teachers and pupil-teachers was held at South Kensington in November, and was attended by 229 candidates, of whom 88 were successful, 5 obtained prizes, and 56 obtained full certificates.

† 518 of these certificates were obtained by students.

4. List of Art Classes aided by the Science and Art Department, 1881-82.—(Table C.)

B. means British. Bd. „ Board. C. E. „ Church of England. Ch. „ Church. N. „ National. Par. „ Parish. Presb. „ Presbyterian.
Cong. means Congregational. End. „ Endowed. F. C. „ Free Church. Pub. „ Public. S. „ School. Sc. „ Science.
Inst. means Institute. Lit. „ Literary. Mech. „ Mechanics. Sess. „ Sessional. Soc. „ Society. Wes. „ Wesleyan.

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade. Examination. No. of Students examined.	2nd Grade. Examination. Number successful.	2nd Grade. Examination. No. who obtained Prizes.	3rd Grade Examination. No. of Students who sent up Works.	3rd Grade Examination. No. of Works sent up.	3rd Grade Examination. No. of Students obtained Prizes for Works.	Total Aid by Department. £	s.	d.
				ENGLAND.								
	Bedford.											
2	Bedford - -	Harpur Charity S.	26	13	13	6	21	698	2	23	17	10
	Berks.											
117	Maidenhead -	Brock Lane S. -	30	23	9	3	30	135	—	15	4	9
104	Newbury -	Lit. and Sci. Inst.	45	13	5	1	22	152	3	11	10	0
114	Wantage -	Wes. S., Newbury Street.	15	4	1	—	—	—	—	0	10	0
103	Windsor -	Albert Inst. -	60	39	14	5	—	—	—	6	18	7
	Buckingham.											
202	High Wycombe	Bd. S. - - -	36	18	4	2	34	459	—	11	11	0
205	Slough - -	Mech. Inst. -	35	25	8	2	19	319	2	14	12	5
206	Wolverton -	Sci. and Art Inst.	56	52	19	7	52	201	—	21	13	3
	Cambridge.											
311	Newmarket -	All Saints S. -	20	15	2	1	—	—	—	2	1	6
307	Wisbech -	Work. Men's Inst.	26	15	3	1	—	—	—	2	3	2
	Cheshire.											
401	Altrincham -	Lit. Inst. - -	70	36	20	9	67	377	3	31	17	7
446	Congleton -	Wes. S. - -	12	4	—	—	7	60	—	0	19	6
407	Crewe - -	Mech. Inst. -	90	22	7	1	19	56	2	8	8	11
409	Hyde - -	Mech. Inst. -	28	13	6	—	25	119	1	10	3	0
416	Stockport -	Mech. Inst. -	20	11	3	—	3	25	—	1	16	6
418	„ -	Sunday S. - -	20	11	1	—	7	73	—	0	10	0
442	Wallasey -	Gram. S. - -	17	17	1	1	—	—	—	0	11	6
	Cornwall.											
505	Camborne -	Roskear Bd. S. -	15	9	6	1	9	118	—	5	2	0
508	Falmouth -	Polytechnic Inst.	21	9	1	—	11	129	—	4	1	6
559	„ -	B. S. - - -	27	22	6	—	27	442	—	12	4	6
548	Helston - -	N. S. - - -	12	9	1	—	—	—	—	0	10	0
570	Mylor Bridge	Schoolroom -	12	3	—	—	6	97	—	1	13	0
521	Penryn - -	Town Hall - -	30	12	6	1	23	376	—	8	18	0
522	„ - -	Wes. S. - -	22	12	3	1	22	353	—	9	16	7
528	Redruth -	Bd. S., Pedn-an-drea.	20	9	3	—	11	103	—	3	15	0
	Truro - -	Central S., Fairmantle St.	14	18	4	—	14	190	—	3	10	0
	'RLAND.											
		St. Nicholas S. -	40	27	16	3	29	558	—	15	9	10

Appendix D.

LIST OF ART CLASSES.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination. No. of Students examined.	2nd Grade Examination. Number successful.	2nd Grade Examination. No. who obtained Prizes.	3rd Grade Examination. No. of Students sent up	3rd Grade Examination. No. of Works sent up.	3rd Grade Examination. No. of Students who obtained Prizes for Works.	TOTAL AID BY DEPARTMENT. £ s. d.
	DERBY.									
759	Ashbourne	Girls' N. S.	40	31	11	5	36	628	—	26 7 11
757	Belper	Messrs. Strutts Mill.	52	38	16	5	52	474	—	28 2 10
741	Church Gresley	Bd. S.	36	27	10	3	36	649	5	26 12 5
704	Codnor	Butterley Co.'s S.	30	16	1	—	14	112	—	3 13 0
709	Derby	Diocesan S.	12	24	11	4	8	154	—	5 13 8
710	"	St. Andrew's S.	81	74	26	9	81	2561	—	63 8 4
743	Heanor	N. S.	15	9	1	—	8	86	—	2 7 6
729	Matlock Bath	Parade S.	29	17	5	2	28	511	3	14 3 7
750	Melbourne	Temp. Inst.	16	5	1	1	9	49	—	0 12 11
731	Riddings	N. S.	50	28	8	1	33	244	—	10 17 0
	DEVONSHIRE.									
914	Axminster	Sunday S.	15	6	1	—	—	—	—	Lapsed.
809	Braunton	Chaloner's S.	15	10	2	—	—	—	—	1 0 0
828	Devonport	St. James N. S.	70	41	26	10	38	815	—	39 1 9
829	"	St. John's N. S.	20	7	3	1	—	—	—	1 11 6
829A	"	Pub. Hall, Fore St.	60	40	12	2	60	599	3	35 15 6
855	Ilfracombe	N. S.	45	23	5	1	27	150	—	7 13 6
927	Newton Abbot	N. S., 38, Courtenay St.	35	27	19	7	31	281	—	21 14 10
861A	Plymouth	N. S., Shaftesbury Cott.	74	43	13	3	74	662	—	21 13 6
866	"	Public Free S.	100	45	26	9	58	1089	5	52 4 10
874	"	8, The Octagon	20	9	2	—	18	205	—	5 14 6
881	St. Mary Church.	Brealey's Rooms	35	17	6	—	22	157	4	14 3 11
898	St. Thomas	Bd. S.	25	13	8	4	—	—	—	6 6 1
904	South Molton	Squier's S.	12	8	1	—	11	100	—	2 8 0
899	Tiverton	Athenæum	60	36	16	1	50	265	—	10 3 6
891	Torquay	Castle Coll.	30	17	6	—	10	194	—	4 5 6
896	Totnes	Hill House S.	12	8	5	3	4	49	—	6 1 0
	DORSET.									
1018	Blandford	Masonic Hall	100	23	7	—	25	323	—	9 3 0
1015	Gillingham	Bd. S.	20	6	2	1	6	46	—	3 5 0
1007	Sherborne	St. Thomas-à-Becket's S.	12	8	5	2	7	31	—	5 9 6
	DURHAM.									
1102	Bishop Auckland.	Temperance Hall	34	20	8	4	34	295	6	17 4 9
1105	Crook (Billy Row).	Miners' Inst.	27	28	7	1	27	259	—	8 11 4
1117	Gateshead	N. S.	60	10	4	2	18	363	—	10 14 6
1119	Hebburn	St. Andrew's Inst.	11	10	5	2	11	154	—	9 0 1
1193	Ryhope Colliery.	Reading Room	20	10	—	—	12	170	—	4 7 0
1123	Seaham Harbour.	Girls' N. S.	44	19	5	—	44	436	—	15 6 7
1124	Shields (South)	Pub. Lib., Ocean Road.	50	31	8	1	38	379	3	16 0 6
1145	Silksworth	New Tunstall S.	27	23	3	—	27	193	—	4 19 6
1184	Southwick	Bd. S.	30	15	4	1	17	200	—	7 17 11
1131	Stockton-on-Tees.	Brunswick St. Fine Art Class.	60	30	6	1	45	222	3	13 18 2
1132	"	Mech. Inst.	30	—	—	—	11	81	—	1 17 6
1136	Sunderland	Bishop Wearmouth N. S.	55	31	10	1	55	933	—	16 11 0
1168	"	Co-op. Store Rm., Green St.	20	12	2	—	14	112	—	4 1[illegible]

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination. No. of Students examined.	2nd Grade Examination. Number successful.	2nd Grade Examination. No. who obtained Prizes.	3rd Grade Examination. No. of Students who sent up Works.	3rd Grade Examination. No. of Works sent up.	3rd Grade Examination. No. of Students obtained Prizes for Works.	Total Aid by Department. £ s. d.
	DURHAM—*cont.*									
1169	Sunderland -	Diamond Hall Bd. S.	20	14	5	2	20	216	1	8 13 5
1144	" -	Ch. Inst., Hendon	25	7	3	1	16	98	1	7 5 3
1182	" -	Hendon Bd. S., Herrington St.	25	10	2	—	25	284	1	8 11 10
1188	" -	Monkwearmouth, Thomas St. Bd. S.	44	26	16	4	44	701	—	26 17 10
	ESSEX.									
1234	Buckhurst Hill	3, St. John's Ter.	60	32	21	3	52	874	4	19 0 11
1203	Chelmsford -	Victoria N. S. -	20	6	4	—	12	265	—	5 12 0
1206	Colchester -	Lit. Inst. - -	30	20	7	—	18	197	—	7 19 0
1239	Earls Colne -	Lit. Inst. - -	15	2	2	—	7	44	—	2 1 0
1210	Halstead -	Lit. Inst. - -	20	22	7	—	—	—	—	3 10 0
1224	Wanstead -	Fitzgerald Rms.	20	—	—	—	7	111	—	Nil.
	GLOUCESTER.									
1306	Bristol - -	B. S. - - -	50	40	16	4	43	1728	—	31 1 8
1307	" - -	Trade S. - -	150	59	27	3	97	3365	—	59 7 4
1325	Cheltenham -	Ch. Ch. N. S. -	46	14	1	—	46	423	3	14 11 8
1354	Tewkesbury -	N. S. - - -	10	14	2	2	4	36	2	3 14 5
	HAMPSHIRE.									
1405	Cowes (West)	N. S., Cross St. -	60	33	8	2	43	145	4	17 14 10
1431	Newport (Isle of Wight).	Gram. S. - -	30	14	2	—	28	145	2	7 11 5
1411	Portsea - -	St. John's S. -	70	47	8	2	59	659	—	22 12 0
1424	Shirley - -	Alexandra College	30	15	1	—	21	356	—	4 15 6
1419	Southampton	Taunton S. - -	67	37	9	—	66	1283	—	24 17 0
1435	Ventnor (Isle of Wight).	Ventnor and Bonchurch Lit. & Sci. Inst.	66	16	6	1	13	120	—	4 2 6
	HEREFORD.									
1501	Hereford -	Free Library -	52	18	7	1	20	234	—	12 11
1508	Leominster -	Lit. Inst. - -	20	19	6	—	3	15	—	4 17
1508A	" -	Grange Ho. S. -	4	4	—	—	—	—	—	—
	HERTS.									
1603	Barnet (High)	Queen Elizabeth S.	99	41	5	1	13	82	—	3 11 6
1620	Harpenden -	B. S. - - -	20	6	3	2	6	129	—	4 5 6
1607	Hitchin - -	St. Mary's N. S. -	30	21	3	1	23	769	—	13 6 0
	HUNTINGDON.									
1702	Huntingdon -	Walden's S. -	20	12	5	—	20	208	—	8 15 6
	KENT.									
1801	Ashford - -	B. S. - - -	32	24	14	3	32	1531	—	23 15 0
1946	Beckenham (New).	Albemarle Coll. -	36	26	13	5	36	432	1	20 14 10
1949	Blackheath -	Alexandra Hall -	70	33	23	6	15	83	—	24 16 11
1814	Chatham -	St. Mark's S. -	6	9	2	—	6	53	—	3 5 0
1815	" -	St. Mary's N. S. -	6	4	—	—	—	—	—	Nil.
[illegible]	Deal - -	Inst., Park St. -	22	15	4	1	12	295	—	7 14 0
	Doddington -	Gloucester Ho. -	23	10	—	—	—	—	—	Nil.
	[illegible]ham -	Inst. - - -	64	50	16	4	64	1451	—	35 3 6
	[illegible] -	B. S. - - -	70	29	7	2	—	—	—	5 12 11
	-	Milton Mount Coll	120	89	18	4	25	29	4	18 19 11
		B. S. -		53	16	—	41	450	—	18 15 0

Appendix D.

LIST OF ART CLASSES.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination. No. of Students examined.	2nd Grade Examination. Number successful.	2nd Grade Examination. No. who obtained Prizes.	3rd Grade Examination. No. of Students who sent up Works.	3rd Grade Examination. No. of Works sent up.	3rd Grade Examination. No. of Students who obtained Prizes for Works.	TOTAL AID BY DEPARTMENT. £ s. d.
	DERBY.									
759	Ashbourne -	Girls' N. S. -	40	31	11	5	36	628	—	26 7 11
757	Belper - -	Messrs. Strutts Mill.	52	38	16	5	52	474	—	28 2 10
741	ChurchGresley	Bd. S. - - -	36	27	10	3	36	649	5	26 12 5
704	Codnor -	Butterley Co.'s S.	30	16	1	—	14	112	—	3 13 0
709	Derby - -	Diocesan S. -	12	24	11	4	8	154	—	5 13 8
710	„ - -	St. Andrew's S. -	81	74	26	9	81	2561	—	63 8 4
743	Heanor - -	N. S. - - -	15	9	1	—	8	86	—	2 7 6
729	Matlock Bath	Parade S. - -	29	17	5	2	28	511	3	14 3 7
750	Melbourne -	Temp. Inst. -	16	5	1	1	9	49	—	0 12 11
731	Riddings -	N. S. - - -	50	28	8	1	33	244	—	10 17 0
	DEVONSHIRE.									
914	Axminster -	Sunday S. - -	15	6	1	—	—	—	—	Lapsed.
809	Braunton -	Chaloner's S. -	15	10	2	—	—	—	—	1 0 0
828	Devonport -	St. James N. S. -	70	41	26	10	38	815	—	39 1 9
829	„ -	St. John's N. S. -	20	7	3	1	—	—	—	1 11 6
829A	„ -	Pub. Hall, Fore St.	60	40	12	2	60	599	3	35 15 6
855	Ilfracombe -	N. S. - - -	45	23	5	1	27	150	—	7 13 6
927	Newton Abbot	N. S., 38, Courtenay St.	35	27	19	7	31	281	—	21 14 10
861A	Plymouth -	N. S., Shaftesbury Cott.	74	43	13	3	74	662	—	21 13 6
866	„ -	Public Free S. -	100	45	26	9	58	1089	5	52 4 10
874	„ -	8, The Octagon -	20	9	2	—	18	205	—	5 14 6
881	St. Mary Church.	Brealey's Rooms	35	17	6	—	22	157	4	14 3 11
898	St. Thomas -	Bd. S. - -	25	13	8	4	—	—	—	6 6 1
904	South Molton	Squier's S. - -	12	8	1	—	11	100	—	2 8 0
899	Tiverton -	Athenæum - -	60	36	16	1	50	265	—	10 3 6
891	Torquay -	Castle Coll. - -	30	17	6	—	10	194	—	4 5 6
896	Totnes - -	Hill House S. -	12	8	5	3	4	49	—	6 1 0
	DORSET.									
1018	Blandford -	Masonic Hall -	100	23	7	—	25	323	—	9 3 0
1015	Gillingham -	Bd. S. - - -	20	6	2	1	6	46	—	3 5 0
1007	Sherborne -	St. Thomas-a-Becket's S.	12	8	5	2	7	31	—	5 9 6
	DURHAM.									
1102	Bishop Auckland.	Temperance Hall	34	20	8	4	34	295	6	17 4 9
1105	Crook (Billy Row).	Miners' Inst. -	27	28	7	1	27	259	—	8 11 4
1117	Gateshead -	N. S. - - -	60	10	4	2	18	363	—	10 14 6
1119	Hebburn -	St. Andrew's Inst.	11	10	5	2	11	154	—	9 0 1
1193	Ryhope Colliery.	Reading Room -	20	10	—	—	12	170	—	4 7 0
1123	Seaham Harbour.	Girls' N. S. -	44	19	5	—	44	436	—	15 6 7
1124	Shields (South)	Pub. Lib., Ocean Road.	50	31	8	1	38	379	3	16 0 6
1145	Silksworth -	New Tunstall S.	27	23	3	—	27	193	—	4 19 6
1184	Southwick -	Bd. S. - - -	30	15	4	1	17	200	—	7 17 11
1131	Stockton-on-Tees.	Brunswick St. Fine Art Class.	60	30	6	1	45	222	3	13 18 2
1132	„ -	Mech. Inst. -	30	—	—	—	11	81	—	1 17 6
1136	Sunderland -	Bishop Wearmouth N. S.	55	31	10	1	55	933	—	16 11 0
1168	„	Co-op. Store Rm., Green St.	20	12	2	—	14	112	—	4 18 6

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			Total Aid by Department.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Students who obtained Prizes for Works.	
										£ s. d.
		LANCASHIRE—*cont.*								
2287	Manchester	Bd. S., Chester Street.	60	13	3	—	43	630	—	12 16 0
2288	„	Bd. S., Armitage Street.	40	14	4	—	19	243	—	6 2 6
2289	„	Bd. S., Every St.	80	20	4	1	60	1321	—	18 8 5
2295	„	Roby's Bd. S., Aytoun St.	157	73	22	4	157	1707	6	67 7 3
2299	„	Ducie Avenue Bd. S.	80	16	2	—	39	307	—	7 12 0
2300	„	Bd. S., Lloyd St.	64	18	5	—	64	531	—	14 8 6
2526	„	Bd. S., South Hall Street.	68	27	7	2	68	504	—	17 8 6
2527	„	St. Michael's, Miller Street.	30	17	3	—	16	197	—	5 6 6
2309	Nelson-in-Marsden.	Wes. S.	40	23	3	—	—	—	—	1 10 0
2310	„	Lomeshaye S.	42	12	1	1	8	78	—	2 12 11
2312	„	N. S.	18	8	1	—	—	—	—	0 10 0
2321	Oldham	Sci. and Art S.	93	120	17	2	93	324	7	38 14 4
2332	Openshaw	Mech. Inst.	40	12	3	2	18	59	1	8 16 4
2345	Padiham	Wes. S., Cross Bank.	16	7	—	—	8	56	—	2 9 6
2368	Preston	St. Paul's N. S.	58	51	6	2	58	506	—	13 7 11
2369	„	Sculptor's Studio	35	14	3	1	35	325	—	8 17 6
2384	Ramsbottom	Sci. and Art S.	15	16	1	—	—	—	—	2 11 0
2394	Rhodes (near Middleton).	Works S.	43	34	2	—	43	312	—	10 7 6
2396	Rochdale	Bd. S.	60	39	8	1	46	319	7	28 7 11
2399	„	Equit. Pion. Room	60	40	12	1	42	695	2	22 13 4
2426	Salford	Wkg. Men's Coll.	21	13	6	2	21	244	—	11 3 0
2430	„	Stowell Meml. S.	51	32	9	1	51	531	—	16 10 6
2430A	„	Wes. S., Sussex St.	50	24	5	2	37	359	—	10 4 7
2434	„	New Windsor S.	20	12	3	2	13	200	—	6 5 10
2450	Stalybridge	Mech. Inst.	18	13	—	—	12	122	—	1 17 6
2416	St. Helen's	St. Thomas' S.	40	23	11	5	28	320	—	21 17 5
2458	Todmorden	Roomfield Bd. S.	35	30	5	1	37	170	2	12 11 5
2584	Ulverston	Drill Hall	48	24	5	1	37	386	—	18 19 0
2484	Widnes	Alford Chambers	30	21	3	1	20	129	—	5 13 6
2501	Worsley	Girls' N. S.	18	8	2	—	17	159	—	6 2 0
		LEICESTERSHIRE.								
2645	Ashby-de-la-Zouch.	Gram. S., Leicester Road.	45	20	6	2	36	449	1	14 6 6
2620	Leicester	Wyggeston Hospital Girls' S.	63	47	14	—	63	591	—	16 15 0
2646	Loughborough	Bd. S., Cobden St.	40	11	3	1	27	164	—	12 13 9
		LINCOLNSHIRE.								
2711	Caistor	Lower Gram. S., Church Street.	16	14	2	—	16	209	1	5 11 7
2720A	Grantham	B. S.	38	29	12	1	38	848	—	20 16 5
2725	Grimsby	Prim. Meth. S.	50	5	3	1	41	1682	—	18 7 1
2727	„ (Great)	N. S.	15	5	—	—	15	334	—	4 2 6
2728	Ingham	Bd. S.	4	2	—	—	—	—	—	Nil.
2739	Lincoln	St. Martin's Par. S.	12	6	1	—	—	—	—	0 10 0
2755	Spalding	Gram. S.	30	12	5	—	10	122	—	4 14 0
		MIDDLESEX.								
3190	Acton	Girls' S.	20	7	4	—	11	113	—	6 4 6
2802	Barnsbury	St. Clement's N.S.	25	9	5	—	16	81	—	2 18 6
2816	Bethnal Green	Bd. S., Olga St.	12	4	—	—	—	—	—	Nil.

Appendix D.

LIST OF ART CLASSES.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			Total Aid by Department.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Students obtained Prizes for Works.	
	MIDDLESEX—*cont.*									£ s. d.
2832	Bloomsbury -	Wkg. Men's Coll.	80	18	13	5	28	131	4	22 17 5
2841	Bow - -	Bow and Bromley Inst.	25	23	7	1	9	153	—	6 13 0
2843	„ - -	Sci. S., 400, Old Ford Road.	23	15	4	2	23	503	—	11 19 6
2853	Bromley-by-Bow.	Bd. S., Byron St.	20	11	1	—	—	—	—	0 10 0
2861	Chancery Lane	Birkbeck Lit. Inst.	250	63	38	12	76	948	9	76 19 7
2863	Chelsea - -	Onslow Coll. -	47	47	12	3	35	401	—	84 7 4
2893	Drury Lane -	Franklin Inst. -	15	4	4	2	—	—	—	2 13 0
2897	Ealing - -	Boys' S. - -	20	2	1	—	4	25	—	0 12 0
3176	Finchley -	North End Cong. S.	24	20	6	—	—	—	—	2 10 0
2908	Hackney (South).	Sci. S. - - -	25	19	—	—	—	—	—	Nil.
3198	Hackney -	Lady Holles's Middle S.	60	67	19	1	—	—	—	10 12 1
2914	Hammersmith	Lecture Hall -	40	32	12	5	26	493	—	18 10 10
2918	„ -	St. Matthew's N. S.	25	10	—	—	11	354	—	4 11 6
2933	Holloway -	Holloway Coll. -	150	30	3	1	40	751	—	9 0 0
2935	„ -	St. John's Inst. -	70	12	5	2	—	—	—	3 8 6
3178	„ -	Lecture Room -	30	11	8	1	—	—	—	0 8 11
2964	Islington -	Windsor Street -	100	54	24	8	53	767	—	38 2 6
2968	„ -	Highbury Inst. -	150	126	44	6	131	2129	1	70 5 11
2976	Kensington -	B. S., Allen St. -	35	18	5	—	24	222	6	12 18 3
2982	Kentish Town	Training S. -	20	4	2	—	—	—	—	Lapsed.
2986	„ -	Gospel Oak S., Allcroft Road.	75	15	5	—	16	242	—	6 10 0
2987	„ -	N. S., Islip St. -	10	6	2	—	5	40	—	1 0 0
3000	52, Leadenhall Street.	City of London Coll.	50	13	9	3	33	274	—	16 6 0
3010	Marylebone -	Central S. - -	50	52	16	2	37	375	—	13 8 8
3040	Notting Hill -	St. James', Norlands.	17	16	6	2	17	149	—	4 16 2
3050	Paddington -	St. Michael's S. -	43	26	13	4	43	533	11	34 17 5
3052	„ -	St. Paul's S. -	42	38	15	5	42	1033	—	33 5 6
3071	Pinner - -	Com. Trav. S. -	40	19	8	3	—	—	—	5 14 6
3076	Poplar - -	Cotton St. S. -	35	28	10	1	35	698	—	17 12 2
3093	St. Pancras -	Mutual Imp. Soc., Argyle Square, King's Cross.	25	11	3	1	16	205	—	6 8 10
3094A	„ -	Schoolroom, Thanet St.	10	2	—	—	1	15	—	0 4 6
3203	Shepherd's Bush.	St. Stephen's N. S.	37	34	13	2	37	551	—	14 16 8
3113	Stepney - -	St. Luke's N. S. -	9	3	1	1	9	145	—	2 9 0
3122	Stoke Newington Road.	Wellington Rd. S.	80	46	5	—	78	1293	—	19 18 0
3195	Strand - -	King's College -	11	8	5	2	11	70	—	6 3 0
3169	„ - -	Yng. Men's Christ. Inst.	60	9	6	1	—	—	—	12 7 9
3200	Tottenham -	Girls' N. S., Park Lane.	24	15	8	5	—	—	—	8 4 7
3142	Westminster -	Grosvenor Hall -	10	5	1	—	—	—	—	Lapsed.
3145	„ -	St. Margaret's S.	17	17	5	2	17	149	—	6 17 0
3149	-	St. Stephen's N. S.	90	34	10	4	18	259	—	2 6 7
	MONMOUTHSHIRE.									
3304	Chepstow -	Boys' Bd. S. -	14	14	5	2	14	205	—	7 4 2
3305	Ebbw Vale -	Lit. Inst. - -	16	9	2	—	12	143	—	0 10 0
3305A	Tredegar -	Town Hall - -	40	5	—	—	—	—	—	Nil.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			Total Aid by Department.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Students who obtained Prizes for Works.	
	Norfolk.									£ s. d.
3400	Banham	Com. S.	20	20	3	2	—	—	—	2 13 0
3402	King's Lynn	Athenæum	35	25	9	4	19	114	2	9 15 5
3417	Gt. Yarmouth	Gram. S.	130	14	4	—	51	814	—	15 8 6
	Northamptonshire.									
3509	Kettering	Boys' N. S.	20	22	6	2	—	—	—	4 1 11
3542	Wellingborough.	Lower Gram. S.	40	26	8	2	21	288	—	4 3 5
	Northumberland.									
3601	Alnwick	Mech. Inst.	22	14	4	1	—	—	—	2 11 6
3648	Bedlington	C. E. S.	6	6	3	1	—	—	—	2 11 6
3616	Newcastle-on-Tyne.	Elswick M. I.	70	17	9	3	18	518	—	14 13 4
3631	North Shields	Ch. Ch. S.	46	22	7	1	46	766	—	21 9 2
3632	"	Free Library	93	33	3	—	93	761	4	35 17 8
3633	"	Kettlewell's S.	58	21	1	—	58	913	1	18 9 5
3634	"	Eastern Bd. S.	12	7	2	—	—	—	—	1 0 0
	Nottinghamshire.									
3753	Beeston	Bd. S.	20	9	2	—	—	—	—	1 10 0
3702	Eastwood	Mech. Inst.	16	16	4	—	15	91	—	2 0 0
3707	Newark-on-Trent.	Mech. Inst.	40	25	15	5	38	846	3	25 16 0
3716	Nottingham	Social Guild Inst.	50	22	8	1	45	308	5	19 17 10
3715	"	Friends' S.	20	5	—	—	20	44	1	4 18 6
3708	"	University Coll.	20	12	4	1	—	—	—	0 3 11
3737	Sutton-in-Ashfield.	Bd. S.	20	10	2	1	18	63	—	5 11 11
3733	Worksop	Mech. Inst.	17	17	10	2	16	129	1	15 18 11
	Oxfordshire.									
3802	Banbury	Ark House S.	51	37	27	12	51	1443	6	50 3 9
3806	"	Girls' B. S.	40	9	—	—	19	139	—	3 3 0
3807	"	Boys' B. S.	30	2	1	—	22	87	1	6 1 0
3809	"	Grimsbury Wes. Day S.	20	18	7	1	—	—	—	4 11 6
3815	Henley-on-Thames.	St. Mary's Hall	43	19	6	—	21	223	—	7 14 0
3826	Witney	Wes. Mutual Impt. Soc.	12	12	5	1	—	—	—	3 1 6
	Shropshire.									
3917	Wem	Gram. S.	18	11	—	—	16	61	—	Nil.
	Somersetshire.									
4054	Crewkerne	Lit. Inst.	20	15	4	2	17	146	—	6 8 6
4021	Mells	Boys' S.	10	6	3	2	10	48	—	4 4 8
4060	South Petherton.	Boys' S.	16	11	3	1	16	90	—	5 9 0
4030	Street	Wkg. Men's Club	14	8	3	2	12	78	—	5 17 8
4047	Yeovil	Bd. S.	30	15	1	—	—	—	—	Nil.
	Staffordshire.									
4228	Chesterton	N. S.	25	13	—	—	20	66	—	3 8 6
4128	Cradley Heath	Bd. S., Five Ways	50	17	5	—	51	504	—	8 14 6
4230	Fenton	Ch. S., Church St.	40	23	7	1	26	107	—	11 5 6
4135	Gornal (Upper).	N. S.	28	17	2	—	28	252	—	6 15 0

Appendix D.

LIST OF ART CLASSES.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination. No. of Students examined.	2nd Grade Examination. Number successful.	2nd Grade Examination. No. who obtained Prizes.	3rd Grade Examination. No. of Students who sent up Works.	3rd Grade Examination. No. of Works sent up.	3rd Grade Examination. No. of Students who obtained Prizes for Works.	TOTAL AID BY DEPARTMENT. £ s. d.
	STAFFORDSHIRE—*cont.*									
4138	Handsworth	Commercial S.	40	13	4	1	—	—	—	2 10 5
4139	„	Inst., Perry Barr.	60	22	2	1	44	304	—	16 19 3
4226	Harborne	Harborne Inst.	30	10	3	—	5	10	2	1 18 3
4148	Leek	Mech. Inst.	64	51	15	6	64	925	2	43 14 7
4150	Lichfield	Parish Rooms and Inft., N. S.	30	22	2	1	23	110	1	7 5 2
4243	Longton	Ch. Sch.	50	25	7	1	38	176	2	16 18 11
4162	Smethwick	St. Matthew's S.	25	5	1	—	—	—	—	1 0 0
4163	„	Trinity S.	10	3	—	—	8	72	—	1 11 6
4195	Wednesbury	Free Library	50	28	4	2	3	52	—	5 7 2
4201	West Bromwich.	Bd. Sch., Queen St.	70	40	16	5	70	811	1	32 4 7
4249	Wordsley	Art Class	10	—	—	—	10	56	—	1 4 0
	SUFFOLK.									
4303	Beccles	Mr. Hockey's Mid-Class S., Ballygate St.	61	47	15	4	61	1123	—	8 1 1
4304	Bury St. Edmunds.	Guildhall Coml. S.	50	16	10	3	—	—	—	4 14 6
4321	Gorleston	Bd. S.	15	14	2	—	—	—	—	1 0 0
4315	Sudbury	St. Peter's S.	25	10	3	—	11	405	—	6 16 0
	SURREY.									
4534	Barnes	Inst.	35	12	3	1	27	317	2	16 6 10
4405	Battersea	Vicarage House	20	18	4	—	20	313	—	5 17 0
4413	„	Sir W. St. John's S.	50	36	21	3	44	664	—	20 14 6
4411	„ (West)	Belmont Works	21	27	7	2	21	287	—	10 19 6
4414	„	Orkney St. S.	25	7	4	2	—	—	—	3 3 4
4422	Bermondsey	Bd. S., Webb St.	40	17	6	1	—	—	—	4 11 6
4525	Blackfriars Rd.	Bd. S., Hatfield St.	40	25	6	—	—	—	—	3 10 0
4537	Brixton	Effra Parade Bd. S.	25	28	8	3	20	231	—	11 1 9
4433	Camberwell	Green Coat S.	40	5	5	—	—	—	—	3 0 0
4535	„	Bd. Sch., Boundary Lane.	50	43	10	2	—	—	—	5 3 0
4553	Clapham Park	Queenswood Sch.	60	42	24	7	—	—	—	18 10 1
4529	Egham	Lit. Inst., High Street.	30	11	2	—	15	197	2	8 5 5
4449B	Godalming	Friends' Meeting House.	36	21	8	—	32	291	—	6 5 0
4453	Guildford	Wkg. Men's Inst.	140	58	20	3	66	1072	—	28 16 11
4540	Horseydown	St. Olave's Gram.	5	8	1	1	4	44	—	1 15 8
4431	Kennington	St. John's Middle Class S.	4	4	2	—	—	—	—	Nil.
4459	Kingston-on-Thames.	Tiffin's Boys' S., Fairfield South.	40	Examination cancelled						
4459A	„	Tiffin's Girl's S., Fairfield South.	27	23	10	3	—	—	—	6 15 1
4461	Lambeth	Boys' N. S.	80	3	—	—	66	1755	—	15 3 0
4466	Norwood (Lower).	The Institute	30	14	4	2	19	122	—	8 16 8
4467	Peckham	Tech. S.	200	105	49	18	133	1126?	8	109 7 2
4477	Penge	Wkg. Men's Inst.	20	6	2	1	—	—	—	1 11 6
4482	Richmond	B. S.	70	46	22	13	60	1336	2	48 18 8
4492	Southwark	Wes. S.	65	8	2	—	51	1202	—	11 5 6
4497	Stockwell	Educational Inst.	45	38	17	4	36	550	—	23 6 8
4498	Streatham	Royal Asylum	125	30	9	1	85	959	—	17 16 6
4500	Surbiton	St. Mark's S.	50	13	7	3	27	356	3	23 13 1
4506	Vauxhall	Railway Inst.	6	1	—	—	1	16	—	0 6 0
4508	Walworth	Lit. and Sci. Inst.	5	3	3	—	3	78	—	3 18

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			Total Aid by Department.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Students obtained Prizes for Works.	
										£ s. d.
	SURREY—*cont.*									
4524	Westminster Bridge Rd.	Yorkshire Soc. S.	42	41	9	1	41	606	—	16 19 6
4526	Wimbledon	Pub. Hall	148	21	5	1	39	377	1	3 0 0
4528	Woking	Westfield S.	10	4	1	—	10	85	—	1 15 6
	SUSSEX.									
4606	Burgess Hill	St. John's Inst., Park Road.	34	17	12	3	34	206	2	13 4 0
4616	Chichester	Mech. Inst., South St.	30	13	5	2	—	—	—	5 7 2
4609	Eastbourne	St. Saviour's Ch. Room.	35	8	6	1	—	—	—	0 2 10
4619	Horsham	Class Room, Springfield Rd.	24	13	6	2	—	—	—	10 11 9
4618	Midhurst	Gram. S.	20	21	1	1	—	—	—	1 10 5
	WARWICKSHIRE.									
4719	Aston	Lozells Road	84	34	17	—	84	1277	2	32 1 5
4702	Birmingham	Bloomsbury Inst.	50	35	18	3	48	448	—	26 14 11
4706	„	B. S., Severn St.	205	66	22	4	179	1646	—	58 8 6
4708	„	Ch. of Saviour	78	40	15	2	78	497	—	24 15 6
4710	„	Y. M. C. A.	100	57	33	16	99	783	4	61 3 8
4722	„	Inst., Howard St.	250	38	28	4	158	1379	3	61 12 7
4740	„	St. Paul's S.	85	51	18	3	85	1215	—	35 11 1
4756	„	High S.	46	9	—	—	46	662	—	7 15 6
4753	„	Islington	12	—	—	—	12	120	—	1 14 0
4762	Coventry	St. Peter's N. S.	53	8	—	—	53	836	—	10 5 6
4777	Rugby	St. Matthew's S.	30	18	4	2	30	378	—	8 9 5
4790	Stratford-on-Avon.	Studio, Exchange Bldg., Sheep St.	61	23	6	1	46	444	1	19 6 6
	WILTS.									
4940	Calne	Lit. Inst., Ch. St.	28	8	4	—	—	—	—	2 0 0
4907	Melksham	Miss Fowler's or the Free Hall.	18	9	7	1	14	231	2	7 1 7
4921	Swindon	Ry. S.	100	68	25	2	80	950	2	38 16 7
	WORCESTERSHIRE.									
5015	Dudley	Middle Class S., Kate's Hill.	30	—	—	—	30	601	—	10 18 0
5027	Evesham	Inst., Market Place.	20	19	10	1	20	205	2	5 15 10
5040	Oldbury	N. S.	88	19	2	—	88	108	—	18 17 6
5073	Worcester	19, St. Nicholas St.	44	45	15	3	44	247	2	15 9 1
	YORKSHIRE.									
5108	Baildon	Mech. Inst.	15	4	2	—	15	113	—	3 18 6
5124	Batley	Bd. S.	35	20	7	2	29	271	—	8 8 10
5125	„	Gram. S.	62	16	5	—	62	193	—	12 15 0
5121	Beverley	St. Mary's S., Register Sq.	35	28	12	2	33	854	—	18 7 0
5120	Bingley	Mech. Inst.	21	14	9	1	21	118	—	11 6 5
5130	Bradford	Mornington Ho.	40	19	1	—	30	347	—	6 13 0
5141	„	Mannville S.	16	10	1	—	9	82	—	2 4 6
5146	„	65, Beamsley Rd.	20	10	6	—	17	241	3	17 13 3
5158	Brighouse	Mech. Inst.	22	17	5	1	22	136	2	15 5 2
5164	Calverley	Ch. Inst., Thornhill St.	18	11	4	1	—	—	—	3 11 6
5162	Castleford	Mech. Inst.	23	17	4	—	23	92	—	7 13 6
5172A	Cleckheaton	Mech. Inst., Market Place.	24	8	2	1	7	105	—	2 7 11

Appendix D.

LIST OF ART CLASSES.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			Total Aid by Department.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students sent up Works.	No. of Works sent up.	No. of Students who obtained Prizes for Works.	
										£ s. d.
	YORKSHIRE—*cont.*									
5170	Cottingley -	Town Hall, Mech. Inst.	12	8	—	—	—	—	—	
5178	Dewsbury -	Mech. Inst., Church St.	60	26	7	1	42	501	—	17 19 5
5183A	Driffield Great	Ch. Inst. Room, Exchange St.	30	13	7	2	16	91	2	10 15 3
5554	Drighlington -	Central Bd. S., Whitehall Rd.	20	9	—	—	—	—	—	Nil.
5188	Eccleshill -	Mech. Inst. -	57	18	7	1	20	81	—	14 2 11
5189	Elland - -	Bd. S., South End	27	23	6	2	27	172	—	5 8 0
5193A	Farsley - -	Mech. Inst., Town St.	18	4	1	1	4	12	—	4 18 0
5199	Great Ayton -	Agric. S. - -	43	24	2	1	43	328	—	6 16 8
5201	Great Horton	N. S. - - -	20	12	3	—	16	136	1	7 14 0
5206	Greetland -	Mech. Inst. -	15	14	1	—	14	154	—	6 6 3
5229	Haworth	Mech. Inst. -	8	6	2	—	7	27	—	3 6 6
5236	Heckmondwike	Mech. Inst. -	20	11	4	—	—	—	—	2 9 7
5248	Horsforth -	Mech. Inst., Town St.	20	5	1	—	10	145	—	3 5 6
5250	Huddersfield	Lockwood Mech. Inst.	30	11	—	—	18	91	—	3 0 0
5268	Hull - -	Bd. S., Wawne St.	50	8	2	—	50	705	1	19 16 6
5271	„ - -	Church Inst. -	18	21	6	1	16	111	—	8 12 9
5274	„ - -	Lit. Inst. - -	80	53	13	1	76	849	—	23 17 6
5286	Idle - -	Mech. Inst., Town Lane.	12	9	1	1	10	50	1	7 5 5
5295	Keighley -	Co-operative Hall	40	27	8	2	39	257	8	27 1 10
5545	„ -	Riddlesden Nat. S.	20	8	3	1	16	154	—	8 2 11
5294	Knaresborough	Gram. S. - -	12	7	—	—	12	106	1	6 1 3
5301	Leeds - -	Bd. S., Carlton Hill.	38	37	6	1	38	130	—	10 8 7
5554	„ - -	Central Bd. S., Drighlington.	9	9	—	—	—	—	—	Nil.
5318	„ - -	St. Judes' S., Leathley Road, Hunslet.	18	15	5	1	14	49	—	6 4 6
5319	„ - -	Woodhouse M. I.	39	24	10	1	26	334	1	16 18 2
5549	„ - -	Highfield S., 18th Avenue, Tong Road, New Wortley.	12	10	4	1	4	12	—	2 14 9
5320	„ - -	Wkg. Men's Hall	25	18	3	—	21	80	1	7 8 1
5321	„ - -	Young Men's Christian Assoc.	64	32	17	7	64	219	12	44 6 1
5328	„ - -	Bd. S., Princes' Field.	51	38	2	—	51	191	—	7 7 6
5330	„ - -	Richmond Hill, Wes. Sch.	13	6	—	—	13	81	—	0 18 0
5331	„ - -	Bd. S., Park Lane	26	28	8	1	26	153	1	12 4 1
5346	Longwood -	Gram. S., Cliffe End.	52	25	3	—	52	693	—	16 5 6
5349	Marske-by-the-Sea.	Miners' Inst. -	15	10	1	—	14	123	—	3 13 6
5359	Mirfield -	Mech. Inst. -	20	8	1	—	—	—	—	0 10 0
5365	Morton (near Bingley).	Independent S. -	15	9	—	—	11	107	—	3 10 6
5369	Oakworth -	Mech. Inst. -	33	17	11	3	33	267	1	20 14 4
5371	Otley - -	Mech. Inst. -	30	16	3	1	21	141	2	11 16 6
5375	Pudsey - -	Mech. Inst. -	15	13	6	—	14	82	—	8 1 6
5525	Rastrick -	Gram. Sch. -	22	16	1	—	19	434	—	6 11 6
5393	Rothwell -	Mech. Inst. -	20	7	1	—	—	—	—	0 10 0
5397	Scarborough -	Mech. Inst. -	60	22	3	—	60	1038	—	19 16 0
5398	„ -	St. Mary's Higher Grade S.	28	20	3	—	28	390	—	11 5 0

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			Total Aid by Department.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Students obtained Prizes for Works.	
										£ s. d.
	YORKSHIRE—*cont.*									
5422	Sheffield -	Chr. and Educ. Inst.	50	12	4	—	26	122	—	2 0 0
5423	„ -	Ch. of Eng. Educ. Inst.	60	38	13	2	48	565	—	20 13 1
5425	„ -	Mech. Inst. -	40	23	4	1	23	127	—	8 19 5
5428	„ -	Bd. S., Attercliffe	33	19	6	3	33	421	3	17 14 7
5436	„ -	Central Bd. S., Orchard Lane.	40	32	10	2	40	375	—	15 5 8
5500	Silsden - -	Bd. S. - -	22	13	4	—	22	140	2	10 7 6
5445	Skinningrove	Miners' Inst. -	25	20	8	3	23	139	—	8 0 4
5446	Skipton - -	Mech. Inst. -	30	26	5	—	26	493	—	14 17 6
5504	Slaithwaite -	Mech. Inst. -	30	11	5	2	11	332	—	8 12 5
5526	„ -	Free S., Church St.	30	5	2	—	5	44	—	1 0 0
5452	Sowerby Bridge	N. S. - - -	30	23	10	1	29	215	—	14 13 6
5453	Stanley (Wakefield).	Ch. S., Lake Loch.	20	10	1	—	—	—	—	0 10 0
5455	Steeton - -	Provident S. -	15	7	3	—	15	88	—	4 11 6
5456	Sutton - -	N. S. - - -	20	8	1	1	17	74	1	7 11 10
5461	Thirsk - -	Mech. Inst. -	24	6	2	—	11	54	2	3 19 4
5463	Thorne - -	Brooke's Gram. S.	8	1	—	—	—	—	—	Nil.
5465	Thornton (nr. Bradford).	Mech. Inst. -	20	12	1	—	18	134	—	8 8 6
5476	Whitby - -	West Cliff S. -	37	27	7	1	37	503	—	12 18 4
5482	Wortley - -	Wkg. Men's Inst. Lower Wortley.	50	29	4	—	36	163	4	18 1 10
		WALES.								
7341	Aberystwith -	S., Ardwyn - -	20	13	—	—	—	—	—	Nil.
5688	Dolgelly - -	Dr. Williams' S.	25	9	3	—	—	—	—	2 0 0
7356	Haverfordwest	S. of Industry -	50	10	5	2	21	104	—	9 0 11
5627	Llandovery -	The College -	26	12	—	—	—	—	—	Nil.
5631	Llanelly -	Neville Mem. Rm.	18	22	4	2	4	17	—	4 7 10
5633	„ -	Bd. S. - - -	30	12	5	—	—	—	—	3 3 11
5639	Mallwyd -	Church of E. S. -	8	10	3	—	—	—	—	2 0 0
5675	Neath - -	Mech. Inst. -	40	17	9	3	13	154	—	5 3 2
5653	Pembroke Dock.	N. S. - - -	20	8	5	3	16	436	—	11 13 10
5659	Penygroes -	Bd. S. - - -	30	23	2	—	—	—	—	1 0 0
5654	Pontardulais -	Bd. S. - - -	10	5	1	—	4	27	—	0 19 6
		SCOTLAND.								
5705	Aberdeen -	Robt. Gordon's Coll., School-Hill.	50	41	12	2	—	—	—	7 1 3
5725	Arbroath -	High S. - -	40	32	12	4	—	—	—	9 10 9
5726	Ardrossan -	No. 2 Pub. S. -	15	15	5	1	15	129	1	7 5 1
5727	Ayr - -	Academy - -	80	36	16	9	42	1043	8	46 14 11
5728	Bannockburn	Jas. Wilson Acad. Main St.	10	3	2	—	—	—	—	1 0 0
5765	Dumfermline	High S., Queen Anne Street.	46	35	15	3	46	269	9	41 9 7
5757	Dumfries -	St. Joseph's Coll.	34	21	6	2	34	810	—	13 19 4
5758	Dundee - -	Christ. Assoc. -	130	65	19	5	88	654	5	47 5 11
5760	„ - -	Pub. S., Victoria Road.	40	32	6	—	31	249	—	9 6 0
5761	„ - -	Pub. S., Balfour Street.	41	25	7	2	41	188	2	19 2 4

Appendix D.

LIST OF ART CLASSES.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			Total Aid by Department.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Students who obtained Prizes for Works.	
										£ s. d.
	SCOTLAND—*cont.*									
5766	Dysart	Pub. S., Factory Rd., Pathhead.	24	14	6	4	11	70	2	14 16 2
5790	Edinburgh	Pub. S., Lothian Road.	120	115	32	8	88	484	—	37 4 4
5965	Forfar	Academy	94	30	12	4	61	307	1	32 17 9
5808	Fraserburgh	Academy	16	9	—	—	10	49	—	2 2 6
7669	Galashiels	Burgh Pub. S., Gala Park Rd.	40	11	10	3	—	—	—	7 14 8
5814	Galston	Brown's Inst.	21	16	3	—	8	96	—	2 19 6
5820	Glasgow	Pub. S., Crookston Street.	50	24	7	3	30	313	—	13 0 7
5824	„	Athenæum	60	7	2	1	22	62	2	8 4 3
5976	„	Allan Glen's Inst.	209	102	58	14	209	2514	1	78 8 3
5834	„	Pub.S., Henderson Street.	40	18	5	—	13	63	—	2 17 10
5837	„	Oatlands Pub. S.	60	20	7	4	44	311	5	20 12 7
5822A	„	Christ. Assoc.	30	10	4	—	18	94	—	6 19 0
5822D	„	Christ. Assoc., Partick.	14	—	—	—	14	62	—	3 9 0
5958A	„	Pub. S., Kennedy Street.	54	31	12	3	54	492	5	38 12 7
7622	„	Bishop St. S.	45	22	8	3	27	144	3	15 18 1
5818	„	Pub. S., 100, Thomson St.	27	15	6	1	16	103	—	8 7 10
5819	„	City Pub. S., 74, John St.	44	28	18	3	44	356	2	36 11 3
5850	Greenock	Town Hall	75	32	18	3	54	237	8	27 19 0
5960A	Hamilton	Academy	30	33	15	6	30	430	—	28 5 7
5886	Kirkcaldy	Burgh S., St. Bryeedale Av.	46	41	27	12	46	243	4	57 6 9
5901	Lochee	Ancrum Road Pub. Sch.	50	36	11	5	39	102	3	23 3 1
7603	Montrose	Acad., Academy Square.	100	26	10	5	49	297	4	33 19 3
5912	Paisley	Sch. of Design, Gilmour St.	60	65	32	17	44	383	2	44 14 11
5945	Tillicoultry	Pub. S.	26	21	3	—	—	—	—	1 10 0
		IRELAND.								
	LEINSTER.									
6123	Kilkenny	St. Kieran Coll.	19	19	4	—	—	—	—	Lapsed.
	ANTRIM.									
6361	Belfast	Ladies' Coll.	80	18	7	—	8	35	—	3 0 6
6362	„	Meth. Coll.	60	11	5	—	8	98	—	2 17 6
	ARMAGH.									
6403	Armagh	The Mall N. S.	50	30	10	—	23	254	4	14 11 6
	TYRONE.									
7117	Dungannon	Art Class Rms., Thomas Street.	35	1	1	—	—	—	—	Nil.

Totals of Art Classes in the

UNITED KINGDOM.

	Number under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.				Amount of Payments on the Results of the Examination.	Aid towards purchase of Examples.	Cost of Prizes.	Total Aid to Art Classes.
		No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Artisans on whose works payments were allowed.	No. of Students who obtained Prizes.				
									£ s. d.	£ s. d.	£ s. d.	£ s. d.
Totals for 1882 - - *545 classes - - - -*	21,215	9,988	3,248	767	12,165	157,583	11,249	341	4,980 9 11	203 8 6	656 6 7	5,840 5 0
,, 1881 - - 584 ,, - - -	23,026	11,322	2,905	600	13,187	168,720	12,371	428	5,041 7 2	113 9 3	620 6 1	5,775 2 6
,, 1880 - - 632 ,, - - - -	26,646	11,792	4,657	1,109	13,315	144,749	12,362	477	6,119 10 8	121 15 8	985 5 11	7,226 12 3
,, 1879 - - 732 ,, - - - -	29,393	14,232	4,192	906	14,254	144,461	13,153	434	6,167 12 0	239 1 9	680 16 8	7,087 10 5
,, 1878 - - 871 ,, - - - -	27,152	13,027	4,198	1,084	13,929	129,089	12,577	442	5,827 9 0	452 3 0	666 4 6	6,945 16 6
,, 1877 - - 910 ,, - - - -	29,579	14,297	3,532	848	13,119	121,838	11,642	505	5,640 2 11	984 16 9		6,624 19 8
,, 1876 - - 883 ,, - - - -	31,158	12,432	3,797	663	13,068	118,535	11,370	465	6,318 6 11	996 19 11		7,315 6 10
,, 1875 - - 779 ,, - - - -	25,359	12,282	4,295	800	11,680	101,618	9,850	400	5,897 2 4	896 6 4		6,793 8 8
,, 1874 - - 653 ,, - - - -	21,851	10,302	4,452	950	9,636	84,036	8,332	388	5,619 11 9	919 17 6		6,539 9 3
,, 1873 - - 613 ,, - - - -	20,352	8,371	3,851	803	8,004	67,049	6,921	217	4,781 5 11	1,010 3 8		5,791 9 7

* These numbers include 72 new classes established since May 1882, in which 1,956 students were taught.

Appendix D.

LIST OF SCIENCE CLASSES.

5. LIST of SCIENCE CLASSES (1) from which DRAWINGS of BUILDINGS and MACHINES (Art Stages 1 b, 23 a, and 23 b), executed by STUDENTS, as EXERCISES in SCIENCE SUBJECTS I., II., III., and IV., were submitted for PAYMENTS and PRIZES, and (2) in which ART PAPERS in 2nd Grade PRACTICAL GEOMETRY and PERSPECTIVE were worked by STUDENTS in SCIENCE SUBJECT I.; with the Number and Cost of the PRIZES and the Amounts of the GRANTS awarded, 1881-2.—TABLE D.

Class No.	Name of Science Class.	Art Drawings in Stages 1, 23 a, and 23 b.			Amount of Grant.	Cost of Prizes.	Total Aid.
		No. of Students who submitted Works.	No. of Works sent up.	No. who obtained Prizes.			
	BEDFORDSHIRE.				£ s. d.	£ s. d.	£ s. d.
12	Luton Engineering Works -	3	13	—	2 0 6	—	2 0 6
	CHESHIRE.						
408	Hyde, Flowery Field Educational Inst.	17	155	—	3 15 0	—	3 15 0
409	Hyde Mech. Inst., Hyde Lane	31	381	—	9 15 6	—	9 15 6
449	Runcorn, Young Men's Chris. Assoc.	13	187	—	3 15 0	—	3 15 0
455	Bredbury Nat. Sch. Rm. -	18	224	1†	8 10 0*	0 11 6	9 1 6
	CORNWALL.						
505	Camborne, Roskear - -	5	59	—	1 5 0	—	1 5 0
508	Falmouth Polytechnic Inst. -	11	86	—	3 1 6	—	3 1 6
511	Hayle, Drawing Office, Foundry Square.	13	89	—	2 9 6	—	2 9 6
521	Penryn, Town Hall - -	5	72	—	2 9 6	—	2 9 6
	DERBYSHIRE.						
731	Riddings Mut. Imp. Assn. -	31	169	—	4 11 6	—	4 11 6
	DEVONSHIRE.						
814	Devonport, Cherry Garden St. Bd. Sch.	22	148	2	6 5 6	1 5 10	7 11 4
815	„ Morice St. Bapt. Sch.	12	172	2	5 4 0	1 3 0	6 7 0
822	„ Cambridge Rd., Ford Bd.	4	18	—	0 16 0	—	0 16 0
828	„ Keyham, St. James's, Nat.	24	222	1	6 19 0	0 11 6	7 10 6
829	„ St. John's Nat. Sch.	18	115	1	3 16 6	0 10 5	4 6 11
841	Exeter Sch. of Art - -	26	51	—	3 7 0	—	3 7 0
859	Plymouth, Mech. Inst., Princes Sq.	15	127	1	5 3 6	0 11 6	5 15 0
866	Plymouth, Pub. Sch., Coburgh St.	42	1,197	2	14 2 6	1 4 2	15 6 8
927	Newton Abbot, Hartland's Rooms.	14	52	—	2 17 0	—	2 17 0
	DURHAM.						
1100	Gateshead, Sunderland Rd. Bd.	17	211	1	4 7 0	0 11 6	4 18 6
1103	Blaydon-on-Tyne, St. Cuthbert's Nat. Sch.	11	83	—	1 14 6	—	1 14 6
1117	Gateshead Barn Close N. Sch.	30	541	—	12 9 0	—	12 9 0
1119	Hebburn, St. Andrew's Mech. Inst.	7	60	1	2 11 0	0 11 6	3 2 6
1124	Shields (South), Pub. Library	25	220	—	3 13 6	—	3 13 6
1139	Sunderland, Monkwearmouth Workmen's Hall.	20	103	2	6 7 0	0 7 10	6 14 10
1144	Sunderland, Ch. Inst. - -	22	158	—	6 4 6	—	6
1152	Gateshead, Alexandra Rd. Bd.	56	662	—	14 11 0	—	1

* Includes payment for 2nd Grade Geometry.
† Prize for 2nd Grade Geometry.

List of Science Classes receiving Grants, &c.—*cont.*

Class No.	Name of Science Class.	Art Drawings in Stages 1, 23 a, and 23 b.			Amount of Grant.	Cost of Prizes.	Total Aid.
		No. of Students who submitted Works.	No. of Works sent up.	No. who obtained Prizes.			
	DURHAM—*cont.*				£ s. d.	£ s. d.	£ s. d.
1158	Consett, Co-operative, Market St.	6	68		1 10 0	—	1 10 0
1159	Gateshead, N. E. Ry. Lit. Inst.	23	293	—	7 2 6	—	7 2 6
1168	Sunderland, Co-operative Store	10	96	—	3 4 6	—	3 4 6
1169	„ Diamond Hall -	6	32	—	1 5 6	—	1 5 6
1180	Gateshead, Prior St. Bd. -	31	526	—	13 1 0	—	13 1 0
1182	Sunderland, Hendon Bd. -	2	10	—	0 3 0	—	0 3 0
1188	„ Monkwearmouth, Thomas St. Bd. Sch.	11	72	—	2 3 6	—	2 3 6
	ESSEX.						
1206	Colchester Lit. Inst. - -	5	12	2	2 2 0	1 2 6	3 4 6
1212	Stratford, G. E. R. Mech. Inst.	6	6	1	—	0 11 6	0 11 6
1239	Earl's Colne Lit. Inst. - -	4	24	—	0 16 6	—	0 16 6
	GLOUCESTERSHIRE.						
1307	Bristol Trade and Mining Sch., Nelson St.	57	1,032	6	35 7 6	3 0 0	38 7 6
1310	„ School of Art - -	12	150	5	8 19 0	2 10 0	11 9 0
	HAMPSHIRE.						
1412	Portsmouth Sch. of Art -	21	36	3	7 6 6	2 6 0	9 12 6
	KENT.						
1814	Chatham, St. Mark's - -	11	99	—	2 18 6	—	2 18 6
1815	„ St. Mary's Nat. Sch.	11	90	—	3 0 0	—	3 0 0
1830	Deptford, Stanley St. Bd. Sch.	8	38	1	2 17 0	0 9 0	3 6 0
1861	Greenwich, Oxford House -	9	58	—	2 12 6	—	2 12 6
1862	„ (East), Ch. Ch. Nat. Sch.	14	62	—	3 1 6	—	3 1 6
1863	Greenwich Lecture Hall -	5	45	2	2 2 0	1 2 5	3 4 5
1890	Rochester, Bd. Sch. - -	5	52	—	1 13 0	—	1 13 0
1919	Sheerness, Nat. Sch., Trinity Place.	6	12	2	3 3 0	1 5 2	4 8 2
1922	Strood Bd. Sch. - - -	5	40	—	1 17 6	—	1 17 6
1944	Dartford, Bd. Sch., St. Alban's Rd.	11	126	—	3 4 6	—	3 4 6
	LANCASHIRE.						
2009	Accrington, Mech. Inst. -	5	15	—	1 4 0	—	1 4 0
2021	Ashton-under-Lyne, Albion Sch.	5	52	1	1 16 0	—	1 16 0
2022	„ Mech. Inst.	18	372	—	7 1 0	—	7 1 0
2023	Dukinfield, Lib. and Astley Inst.	32	423	1	12 7 6	1 0 8	13 8 2
2035	Bacup Mech. Inst. - -	15	132	—	4 16 0	—	4 16 0
2051	Blackburn, Paradise Lane -	14	126	2	5 14 0	1 3 5	6 17 5
2075	Bolton Sch. of Sci. and Art -	84	996	2	29 10 0	1 4 5	30 14 5
2076	„ Mech. Inst., Mawdsley St.	49	295	—	8 18 6	—	8 18 6
2078	„ Par. Ch. Sch. - -	59	132	—	7 0 0	—	7 0 0
2091	„ Congl. Sch., Derby St. -	13	38	—	1 16 0	—	1 16 0
2099	Bradshaw, Church Sch. -	18	246	—	8 3 6	—	8 3 6
2116	Bury, Athenæum - -	12	108	—	4 4 0	—	4 4 0
2119A	„ Co-operative Society, Broad Street.	25	148	—	4 19 0	—	4 19 0
2142	Crawshaw Booth, Lit. and Mech. Inst.	9	83	—	4 6 6	—	4 6 6
2152	Droylsden Educ. Inst. - -	5	31	—	1 4 0	—	1 4 0
2154	Earlestown, L. and N. W. Railway Inst.	30	231	—	4 2 6	—	4 2 6
2157	Edenfield Wes. Sch. - -	30	245	—	8 14 6*	—	8 14 6
2172	Haslingden Mech. Inst. -	4	14	—	0 15 0	—	0 15 0
2203	Littleborough Ch. of Eng. Sch.	32	721	—	8 14 0	—	8 14 0
2251	Manchester Building Trades Inst.	21	161	—	7 12 6*	—	7 12 6
2255	St Mark's Church t.	8	34	—	1 7 0	—	1 7 0

udes payments for 2nd Grade Geometry.

Appendix D.

LIST OF SCIENCE CLASSES.

List of Science Classes receiving Grants, &c.—*cont.*

Class No.	Name of Science Class.	Art Drawings in Stages 1, 23 a, and 23 b.			Amount of Grant.	Cost of Prizes.	Total Aid.
		No. of Students who submitted Works.	No. of Works sent up.	No. who obtained Prizes.	£ s. d.	£ s. d.	£ s. d.
	LANCASHIRE—*cont.*						
2258	Manchester, Mech. Inst.	96	594	—	18 13 6	—	18 13 6
2264	„ Bd. Sch., Peter St.	14	200	—	2 14 0	—	2 14 0
2265	„ St. Luke's Nat. Sch., Miles Platting.	2	15	—	0 12 0	—	0 12 0
2277	„ Bd. Sch., Vine St.	32	477	—	8 2 0	—	8 2 0
2278	„ Cavendish St., Sch. of Art.	23	124	—	5 12 6	—	5 12 6
2280	„ Lower Moseley St. Sch.	11	98	—	2 5 0	—	2 5 0
2281	„ Abbott St. Bd. Sch.	14	149	—	4 17 0	—	4 17 0
2288	„ Armitage St. Bd. Sch.	14	163	—	2 15 6	—	2 15 6
2289	„ Every St. Bd. Sch.	11	128	—	2 0 6	—	2 0 6
2300	„ Lloyd St. Bd. Sch.	11	33	—	1 5 6	—	1 5 6
2306	Mossley Mech. Inst.	11	99	—	2 11 0	—	2 11 0
2316	Newton Heath, L. and Y. Railway Works.	30	467	—	10 4 0	—	10 4 0
2321	Oldham, Union St.	309	2,237	—	59 18 0	—	59 18 0
2325	„ Werneth Mech. Inst.	8	71	—	1 19 0	—	1 19 0
2329	„ Co-op. Soc. Bd. Sch.	19	69	—	2 9 6	—	2 9 6
2332	Openshaw Mech. Inst.	9	19	—	1 13 0	—	1 13 0
2359	Pendleton, St. Paul's Bd. Sch.	20	216	—	7 4 0	—	7 4 0
2365	Preston, Sci. and Art Sch.	21	94	—	3 9 0	—	3 9 0
2368	„ St. Paul's	20	176	—	6 4 0	—	6 4 0
2376	Radcliffe Co-op. Society	10	67	—	1 17 6	—	1 17 6
2384	Ramsbottom Sci. and Art Sch.	12	74	—	2 18 6	—	2 18 6
2396	Rochdale, Bd. Sch.	35	689	—	11 11 6	—	11 11 6
2398	„ Equitable Pioneers' Rooms.	83	2,004	1	35 9 0	0 10 6	35 19 6
2416	St. Helens, St. Thomas' Sch.,	17	251	2	6 19 6	1 14 6	8 14 0
2425	Salford, Queen St. Inst.	25	161	1	5 3 6	0 11 6	5 15 0
2426	„ Wkg. Men's College	36	534	—	13 17 6	—	13 17 6
2431	„ Catholic Gram. Sch.	8	216	1	4 11 0*	0 11 8	5 2 8
2438	„ Queen St. Inst.	11	165	1	4 18 6	1 0 8	5 19 2
2441	Smallbridge, St. John's Nat. Sch.	7	339	—	3 12 0	—	3 12 0
2450	Stalybridge Mech. Inst.	22	416	—	8 17 0	—	8 17 0
2458	Todmorden, Roomfield Bd. Sch.	23	220	—	6 6 0	—	6 6 0
2471	Warrington Sch. of Sci. and Art.	12	135	2	7 2 6	1 6 2	8 8 8
2482	Whitworth Wes. Sch.	25	964	—	14 2 0	—	14 2 0
2484	Widnes, Alford Chambers	33	264	—	8 18 6	—	8 18 6
2504	Colne Wes. Day Sch.	4	24	—	0 12 0	—	0 12 0
2519	Liverpool Young Men's Christ. Assoc.	4	50	—	0 13 6	—	0 13 6
2525	Hornby, Nat. Sch.	7	20	—	1 1 0	—	1 1 0
2526	Manchester, Southall St. Bd. Sch.	11	43	—	1 17 6	—	1 17 6
2561	Eccles, Monton Day and Sunday Sch.	22	297	—	8 4 0	—	8 4 0
2564	Fleetwood, East St. Bd. Sch.	5	33	—	0 15 0	—	0 15 0
2565	Farnworth, Par. Sch.	37	456	1†	13 13 6	0 6 0	13 19 6
2585	Oldham, Middleton Junction, Liberal Club.	—	—	—	0 10 0*	—	0 10 0
	LEICESTERSHIRE.						
2608	Leicester, St. Martin's Sch.	3	55	—	1 19 0	—	1 19 0
2618	„ Wyggeston's Hospital (Boys').	24	187	—	7 10 0	—	7 10 0
	LINCOLNSHIRE.						
2716	Gainsborough, Britannia Iron Works.	13	36	—	3 19 0	—	3 19 0
2720A	Grantham, B. Sch.	32	328	1	9 1 6	0 5 2	9 6 8
2725	Grimsby Prim. Meth. Sch.	13	237	—	3 13 6	—	3 13 6

* Includes payments for 2nd Grade Geometry and Perspective.
† Prize for 2nd Grade Perspective.

List of Science Classes receiving Grants, &c.—*cont.*

Class No.	Name of Science Class.	Art Drawings in Stages 1, 23 a, and 23 b.			Amount of Grant.	Cost of Prizes.	Total Aid.
		No. of Students who submitted Works.	No. of Works sent up.	No. who obtained Prizes.			
	Middlesex.				£ s. d.	£ s. d.	£ s. d.
2841	Bow, Bow and Bromley Inst.	40	627	2	12 2 9	1 6 0	13 8 9
2843	„ Societies Sch.	43	884	1	15 19 6	0 11 6	16 11 0
2849	Brentford, High St. Brit. Sch.	33	490	—	11 10 10	—	11 10 10
2851	Bromley-by-Bow, Priory St. Nat. Sch.	7	40	—	1 7 0	—	1 7 0
2863	Chelsea, Onslow College, 183, Kings Rd.	25	139	1	5 15 6	0 12 11	6 8 5
2896	Ealing Brit. Sch., Lancaster Road.	4	83	—	1 8 6	—	1 8 6
2914	Hammersmith, Broadway Lecture Hall.	18	235	1	9 9 6	0 11 6	10 1 0
2951	Hoxton Wes. Sch., Mintern St.	2	7	1	1 16 0	0 7 9	2 3 9
2964	Islington, Sch. of Sci. and Art Windsor St.	32	402	—	6 17 3	—	6 17 3
2968	„ Highbury Inst.	12	66	—	1 19 0	—	1 19 0
2976	Kensington, Brit. Sch. Allen St.	16	150	—	5 10 6	—	5 10 6
2986	Kentish Town, Gospel Oak Sch.	11	53	—	1 14 6	—	1 14 6
2987	„ Islip St. Sch.	3	13	—	0 9 0	—	0 9 0
2993	Kingsland, North London Sch. of Sci. and Art.	5	27	—	1 11 0	—	1 11 0
3000	Leadenhall St., City of London Coll.	94	1,022	11	33 4 6	6 6 0	39 10 6
3004	Limehouse, Thomas St. Bd. Sch.	37	517	—	5 11 0	—	5 11 0
3010	Marylebone Central Schs., High St.	11	161	—	3 9 0	—	3 9 0
3014	„ Bell St. Bd. Sch.	23	202	4	26 4 0	2 17 0	29 1 0
3040	Notting Hill, St. James' Norlands Sch.	16	79	1	3 17 6	0 12 11	4 10 5
3052	Paddington, St. Paul's Boys' Waverley Terrace.	9	183	—	4 7 6	—	4 7 6
3076	Poplar, Cotton St. Sch.	1	10	—	0 6 0	—	0 6 0
3080	Queen's Park, Harrow Road, Bd. Sch.	1	11	—	2 0 0	—	2 0 0
3094A	St. Pancras, Thanet St.	7	68	—	1 7 0	—	1 7 0
3142	Westminster, Grosvenor Hall	6	93	—	2 6 6	—	2 6 6
3183	Turnham Green, Devonshire Club.	15	150	—	4 14 4	—	4 14 4
3191	Hounslow Mission Hall	12	149	—	4 4 0	—	4 4 0
3199	Poplar, St. Stephen's Reading Room.	19	178	—	5 2 0	—	5 2 0
	Monmouthshire.						
3304	Chepstow Boys' Bd. Sch., Station Rd.	9	72	—	2 6 6	—	2 6 6
	Norfolk.						
3402	King's Lynn, Athenæum	6	15	—	0 19 6	—	0 19 6
3419	Wymondham, Central Bd. Sch.	5	41	—	0 12 0	—	0 12 0
	Northumberland.						
3607	Cowpen Quay Bd. Sch.	22	188	—	4 11 6	—	4 11 6
3616	Newcastle-on-Tyne, Elswick Mech. Inst.	100	2,991	1	57 19 6	0 10 5	58 9 11
3617	Newcastle-on-Tyne, New Bridge Street Mech. Inst.	55	635	—	15 14 6	—	15 14 6
3626	Newcastle-on-Tyne, Corporation St. Sch.	49	692	—	19 14 6	—	19 14 6
3652	Blyth, New Delaval Colliery Sch.	15	227	—	5 9 6	—	5 9 6
3656	Blyth Colliery Sch., Cambois	7	107	—	2 11 0	—	2 11 0
3658	Backworth Bd. Sch.	8	31	—	0 13 6	—	0 13 6
	Nottinghamshire.						
3708	Nottingham University Coll.	68	715	—	17 18 6	—	17 18 6
3766	„ Alfreton Rd. Bd. Sch.	5	20	—	0 18 0	—	0 18 0

Appendix D.

LIST OF SCIENCE CLASSES.

List of Science Classes receiving Grants, &c.—*cont.*

Class No.	Name of Science Class.	Art Drawings in Stages 1, 23 a, and 23 b.			Amount of Grant.	Cost of Prizes.	Total Aid.
		No. of Students who submitted Works.	No. of Works sent up.	No. who obtained Prizes.			
	SHROPSHIRE.				£. s. d.	£ s. d.	£ s. d.
3923	Hadley Bd. Sch.	11	145	—	3 17 0	—	3 17 0
	SOMERSETSHIRE.						
4001	Bath, Sch. of Sci. and Art	3	40	—	1 10 0	—	1 10 0
4017	Frome Sch. of Art	9	51	—	2 16 0	—	2 16 0
	STAFFORDSHIRE.						
4114	Brierley Hill, Moor St. Bd. Sch.	55	906	—	21 6 0	—	21 6 0
4116	Burslem, Wedgwood Inst.	13	46	1	3 5 6	0 10 11	3 16 5
4138	Handsworth, Coml. Sch.	39	462	—	6 8 6	—	6 8 6
4195	Wednesbury Free Library	13	76	2	4 8 6	1 3 0	5 11 6
4196	„ Higher Grade, Walsall St.	36	322	—	12 3 0	—	12 3 0
4200	West Bromwich, Ch. Ch. Sch.	17	77	—	3 10 6	—	3 10 6
4212	Wolverhampton Free Library	11	151	2	6 13 0	1 9 6	8 2 6
4215	„ Sch. of Art	39	117	—	5 13 6	—	5 13 6
	SUFFOLK.						
4306	Ipswich Sch. of Art.	33	232	4	12 12 0	2 17 3	15 9 3
	SURREY.						
4411	Battersea, Belmont Works	53	881	6	34 16 6	3 9 9	38 6 3
4422	Bermondsey, Webb St. Bd. Sch.	6	55	—	0 19 6	—	0 19 6
4433	Camberwell Green Coat and Nat. Sch.	5	66	—	1 5 6	—	1 5 6
4453	Guildford Wkg. Men's Inst.	20	214	—	4 15 0	—	4 15 0
4481A	Reigate Public Hall	8	106	—	3 15 0	—	3 15 0
4482	Richmond Brit. Sch., The Vineyard,	21	162	1	7 12 6	0 9 4	8 1 10
4492	Southwark, Chapel Place, Wes. Sch.	60	831	—	9 0 0	—	9 0 0
4495	Stockwell, St. Andrew's Nat. Sch.	2	5	1	0 9 0	0 11 6	1 0 6
4497	„ Educational Inst.	10	149	1	4 10 0	0 7 9	4 17 9
4503	Tooting (Upper) Ch. Inst.	11	114	—	3 13 6	—	3 13 6
4506	Vauxhall, L. and S. W. Railway.	8	45	—	1 14 6	—	1 14 6
4508	Walworth Lit. and Sci. Inst.	7	106	1	2 14 0	0 5 2	2 19 2
4528	Woking, Westfield Sch.	6	37	—	1 13 0	—	1 13 0
4537	Brixton, Effra Parade Bd. Sch.	16	183	—	2 12 6	—	2 12 6
4540	Horselydown, St. Olave's Sch.	1	3	—	0 17 10	—	0 17 10
4544	Peckham, Birkbeck Sch.	6	111	—	3 5 6	—	3 5 6
4552	Charshalton Cottage Reading Room.	32	401	—	10 19 6	—	10 19 6
	SUSSEX.						
4603	Brighton Sch. of Art	126	988	5	31 12 0	3 13 8	35 5 8
4603A	„ Hove, Haddington St. Sch.	8	54	—	1 17 6	—	1 17 6
4611	Hastings and St. Leonards	16	173	—	5 10 0	—	5 10 0
	WARWICKSHIRE.						
4702	Birmingham, Bloomsbury Inst.	26	174	2	8 8 0	1 8 11	9 16 11
4706	„ Severn St. Brit. Sch.	77	523	1	19 19 0	0 10 6	20 9 6
4722	„ Howard St. Inst.	31	224	1	6 18 9	0 2 10	7 1 7
4726	„ Cornwall Works	15	130	—	2 8 0	—	2 8 0
4744	„ Sch. of Art	33	135	1	5 13 0	0 7 9	6 0 9
4744A	„ Bristol St. Bd. Sch.	14	122	—	3 18 0	—	3 18 0
4746	„ Osler St. Bd. Sch.	29	152	—	5 8 0	—	5 8 0
4748	„ Smith St. Bd. Sch.	22	140	—	4 16 0	—	4 16 0
4749	„ Moseley Rd.	17	91	—	2 15 6	—	2 15 6

List of Science Classes receiving Grants, &c.—*cont.*

Class No.	Name of Science Class.	Art Drawings in Stages 1, 23 a, and 23 b.			Amount of Grant.	Cost of Prizes.	Total Aid.
		No. of Students who submitted Works.	No. of Works sent up.	No. who obtained Prizes.			
	WARWICKSHIRE—*cont.*				£ s. d.	£ s. d.	£ s. d.
4753	Birmingham, Islington Middle Class Sch.	39	519	—	7 13 6	—	7 13 6
4756	„ Birchfield Rd.	34	259	—	3 17 6	—	3 17 6
	WILTSHIRE.						
4901	Devizes Sch. of Sci. and Art	8	18	—	0 18 0	—	0 18 0
4907	Melksham Free Hall	2	9	—	0 7 6	—	0 7 6
4921	Swindon, College St. Bd. Sch.	75	525	6	26 7 6	2 19 8	29 7 2
	WORCESTERSHIRE.						
5014	Dudley Mech. Inst.	21	196	—	5 0 6	—	5 0 6
5034	King's Heath Inst.	3	18	—	0 15 9	—	0 15 9
5040	Oldbury Nat. Sch.	18	214	—	3 16 6	—	3 16 6
5043	„ Talbot Street	12	82	—	2 6 6	—	2 6 6
	YORKSHIRE.						
5105	Armley Ch. Sch., Wesley Rd.	23	231	—	10 11 0	—	10 11 0
5119	Beverley Bapt. Sch. Rm.	7	67	—	1 10 0	—	1 10 0
5124	Batley, Park Rd. Bd. Sch.	16	174	—	4 19 0	—	4 19 0
5178	Dewsbury Mech. Inst.	14	142	—	4 4 0	—	4 4 0
5180	Doncaster, G. N. Ry. Sch.	47	624	1	22 13 0	0 6 0	22 19 0
5185	Uppermill Mech. Inst.	21	359	—	9 0 0	—	9 0 0
5193	Farsley Mech. Inst., Wes. Sch.	6	58	—	2 2 0	—	2 2 0
5201	Bradford, Great Horton Nat. Sch.	2	20	—	1 2 0	—	1 2 0
5224	Harden (nr. Bingley) Ch. Sch.	6	105	—	2 6 2	—	2 6 2
5240	Holbeck Mech. Inst.	6	51	—	2 2 0	—	2 2 0
5241	Leeds Indus. Co-op. Soc.	10	55	—	1 17 6	—	1 17 6
5243	Hessle Nat. Sch.	7	42	—	1 10 0	—	1 10 0
5254	Huddersfield, Sch. of Art	42	502	—	13 7 0	—	13 7 0
5273	Hull, Roy. Inst., Albion St.	36	364	3	19 4 0	1 15 9	20 19 9
5274	„ Young People's Christian and Lit. Inst.	64	640	2	19 9 0	1 6 5	20 15 5
5274A	„ Dairycoates Lit. and Mech. Inst.	12	163	—	4 9 0	—	4 9 0
5295	Keighley Ingrow, Co-op. Hall	15	38	—	1 10 0	—	1 10 0
5296	„ Sch. of Sci. and Art	51	899	—	21 16 6	—	21 16 6
5311	Leeds, Bapt. Sch., Low Road	21	106	—	4 14 6	—	4 14 6
5318	„ St. Jude's, Hunslet	11	53	—	1 13 0	—	1 13 0
5319	„ Mech. Inst., Woodhouse	21	207	2	9 16 0	1 10 2	11 6 2
5320	„ Working Men's Hall	4	7	—	0 12 0	—	0 12 0
5322	„ Mech. Inst., Hunslet	13	108	—	3 1 6	—	3 1 6
5323	„ St. Andrew's Sch.	8	70	—	2 18 6	—	2 18 6
5329	„ Prim. Meth. Sch., Hunslet.	28	136	—	6 10 6	—	6 10 6
5340	„ Wes. Sch., Darley Street	5	35	—	2 9 6	—	2 9 6
5358	Mirfield Gram. Sch.	—	—	—	1 10 0*	—	1 10 0
5362	Morley, St. Peter's	19	150	—	5 13 0	—	5 13 0
5365	Morton (near Bingley) Independent.	12	86	—	4 18 0	—	4 18 0
5367	North Ormesby Ch. Inst.	1	5	1	2 3 0	0 8 11	2 11 11
5369	Oakworth Mech. Inst., Chapel Lane.	6	30	2	2 13 6	1 3 0	3 16 6
5371	Otley Mech. Inst.	8	59	—	2 0 6	—	2 0 6
5375	Pudsey Mech. Inst.	8	72	—	2 11 0	—	2 11 0
5385	Rotherham Sch. of Art	15	57	—	2 8 0	—	2 8 0
5393	Rothwell Mech. Inst.	4	54	—	1 18 6	—	1 18 6
5423	Sheffield C. E. Educ.	10	59	—	1 19 0	—	1 19 0
5425	„ Mech. Inst.	9	25	1	1 2 6	0 12 11	1 15 5
5436	„ Central Bd. Sch.	18	82	—	3 3 0	—	3 3 0
5446	Skipton Mech. Inst.	17	429	—	6 17 0	—	6 17 0
5453	Stanley (near Wakefield) Ch. Sch.	7	103	—	2 15 0	—	2 15 0
5454	Stanningley Mech. Inst.	18	146	—	4 4 0	—	4 4 0

* Payments for success in 2nd Grade Geometry and Perspective.

Appendix D.

LIST OF SCIENCE CLASSES.

List of Science Classes receiving Grants, &c.—*cont.*

Class No.	Name of Science Class.	Art Drawings in Stages 1, 23 a, and 23 b.			Amount of Grant.	Cost of Prizes.	Total Aid.
		No. of Students who submitted Works.	No. of Works sent up.	No. who obtained Prizes.			
	YORKSHIRE—*cont.*				£ s. d.	£ s. d.	£ s. d.
5463	Thorne, Brooke's Gram. Sch.	2	116	—	1 7 0	—	1 7 0
5483	Wortley, Zion Sunday Sch.	6	63	—	2 3 6	—	2 3 6
5485	Wombwell (New) Bd. Sch., High Street.	10	97	—	3 9 0	—	3 9 0
5506	Queensbury, Bapt. Sch.	—	—	1*	1 10 0†	0 11 6	2 1 6
5514A	Wincobank, St. Thomas Nat. Sch.	5	39	—	1 19 0	—	1 19 0
5531	Wakefield Mech. Inst.	6	48	—	1 13 0	—	1 13 0
5545	Keighley Riddlesden Sch.	12	63	—	4 6 0	—	4 6 0
5548	Leeds Ch. Sch. Room, East St.	6	57	—	1 11 6	—	1 11 6
5549	„ St. Mary's Ch. Inst.	8	37	—	1 4 9	—	1 4 9
	WALES.						
5631	Llanelly, Neville Meml. Rms.	21	119	—	3 13 6	—	3 13 6
	SCOTLAND.						
5727	Ayr, Fort St. Academy	12	42	—	4 10 6	—	4 10 6
5732	Ballater Pub. Sch.	7	27	1‡	2 5 6†	0 2 10	2 8 4
5764	Dunfermline, Masonic Hall	25	86	—	9 13 6	—	9 13 6
5765	„ High Sch.	12	70	2	3 17 6	0 11 6	4 9 0
5766	Dysart Pub. Sch.	17	54	—	2 16 0	—	2 16 0
5775	Edinburgh, Watt Inst. Chambers St.	10	43	1	4 2 0	0 4 0	4 6 0
5814	Galston, Brown's Inst.	23	221	2	15 0 0	1 3 6	16 3 6
5816	Coatbridge, Gartsherrie Acad.	17	87	2	8 5 0†	1 8 11	9 13 11
5820	Glasgow Pub. Sch., Crookston St.	3	26	—	2 6 6	—	2 6 6
5823	„ Anderson's Coll.	115	3,749	—	56 18 6	—	56 18 6
5828	„ Coll. of Sci. and Art, Bath St.	7	79	—	2 11 0	—	2 11 0
5866	Johnstone Wkg. Men's Inst.	17	110	—	4 17 6	—	4 17 6
5886	Kirkcaldy, Burgh Sch.	26	110	2	5 11 0	1 14 9	7 5 9
5888	„ East Pub. Sch.	34	116	—	6 18 0	—	6 18 0
5899	Leven, Greig Inst.	29	149	—	18 13 0	—	18 13 0
5906	Motherwell, Dalziel Pub. Sch.	16	209	—	7 10 6†	—	7 10 6
5912	Paisley, Sci. and Art Class	47	339	2	18 11 6	0 12 3	19 3 9
5960A	Hamilton, Hope St. Academy	3	18	—	0 16 6	—	0 16 6
6001	Greenock, Pub. Sch.	12	28	—	1 8 6	—	1 8 6
7001	Wishaw, Main St. Pub. Sch.	17	148	—	6 10 6	—	6 10 6
7001A	Newmains, Coltness Iron Wks.	10	59	—	2 18 6	—	2 18 6
	IRELAND.						
6120	Dublin, Railway Cos. Office, Inchicore.	18	70	—	1 13 0	—	1 13 0
6209	Cork Sch. of Sci. and Art, Royal Inst.	5	21	—	1 12 6	—	1 12 6
6329	Belfast, Wkg. Men's Inst.	80	824	1	38 13 0	—	38 13 0
	Totals for 1882, 282 Classes	5,802	63,401	136	1824 18 5	77 5 5	1902 3 10
	„ 1881, 260 „	5,092	57,692	203	1948 14 3	100 18 5	2049 12 8
	„ 1880, 241 „	4,633	49,411	364	1751 4 6	195 19 2	1947 3 8
	„ 1879, 215 „	3,989	43,640	100	1541 13 7	126 14 0	1668 7 7
	„ 1878, 186 „	3,393	34,665	93	1180 7 9	71 5 0	1251 12 9
	„ 1877, 159 „	2,858	26,795	109	1102 3 11	54 10 0	1156 13 11
	„ 1876, 86 „	1,547	13,885	40	514 10 3	23 15 4	538 5 7
	„ 1875, 81 „	1,542	12,514	38	345 18 5	13 7 1	359 15 6

* Prize for 2nd Grade Geometry.
† Includes payments for success in 2nd Grade Geometry and Perspective.
‡ Prize for 2nd Grade Perspective.

Appendix D

NUMBERS UNDER INSTRUCTION IN DRAWING.

6. LIST of SCHOOLS, unaided by payments from the Department, in which PUPILS were examined in DRAWING in 1882, showing the results of their examination, and also of candidates not belonging to any School or Class in connection with Department:—

TABLE (E.)

Place.	Name of School.	First Grade.			Second Grade.			Cost of Prizes.
		No. of Candidates examined.	No. successful.	No. who obtained Prizes.	No. of Candidates examined.	No. successful.	No. who obtained Prizes.	
								£ s. d.
Abingdon	Brit.	—	—	—	13	8	1	0 10 6
Ackworth	Ackworth Sch.	—	—	—	56	29	7	4 0 6
Acocks Green	Inst.	—	—	—	21	10	1	0 11
Aldershot	West End Bd.	—	—	—	7	2	—	—
Andreas	Par.	57	5	—	3	—	—	—
Aspatria	Agric.	—	—	—	10	—	—	—
Atherstone	Gram.	—	—	—	16	2	—	—
Axbridge	Sidcot	—	—	—	36	17	1	1 3 7
Ballymoney	Model	5	2	—	—	—	—	—
Barnet (New)	Cowley Coll.	—	—	—	19	4	2	1 4 5
Bath	High Sch. for Girls	—	—	—	38	8	—	—
"	King Edward's	—	—	—	15	12	2	0 12 1
"	Paragon Art Studio	—	—	—	46	25	3	1 14 8
"	Portway House	—	—	—	24	3	1	0 11 6
Bedford	French Protestant Coll.	—	—	—	7	3	—	—
Belper	Brookside Mid Cl.	—	—	—	18	5	1	0 11 6
Bishops Stortford.	Wkg. Mens Club	—	—	—	33	8	1	0 10 6
Blairgowrie	Free Ch.	—	—	—	9	6	2	1 3 0
Bloxham	All Saints	—	—	—	61	17	3	1 15 1
Braddon	Par.	21	9	—	12	—	—	—
Bradford	High	—	—	—	3	1	—	—
Brighton	Gram.	—	—	—	22	10	3	4 11
Buckland (West.)	Devon County	—	—	—	35	6	—	—
Burnley	Fulledge Wes.	—	—	—	2	—	—	—
Bury	Gram.	—	—	—	20	2	—	—
Castle Cary	Nat.	—	—	—	8	3	—	—
Castleknock	Morgan's	22	3	—	—	—	—	—
Catterick	St. Paulinus Acad.	—	—	—	16	4	1	0 11 6
Cheadle	Monkhouse	—	—	—	10	2	1	0 11 6
Cheltenham	Ladies' Coll.	—	—	—	21	10	5	2 18 1
Chigwell	Archbishop Hazznett's Gram.	—	—	—	15	17	—	—
Chilworth	Gresham Press Inst.	—	—	—	5	—	—	—
Coventry	Hales St. Gram.	—	—	—	5	—	—	—
Cranleigh	Surrey County	—	—	—	62	19	3	2 6 0
Croydon	High Sch. for Girls	—	—	—	121	57	—	—
Dalby	Bd.	39	4	1	—	—	—	0 2 7
Darlington	Gram.	—	—	—	15	4	1	0 11 6
"	Railway Inst.	—	—	—	14	4	—	—
Denbigh	Gram.	—	—	—	17	5	1	0 11 6
Dhoor	Bd.	46	3	—	1	—	—	—
Douglas (Isle of Man).	Sch. of Art	—	—	—	55†	33	7	*
Douglas	Bd.	79	19	1	4	1	1	0 14 1
"	Wes.	65	23	7	12	3	1	1 3 7
Dublin	Alexandra Coll.	—	—	—	23	10	—	—
"	King's Hosp.	47	17	6	6	2	—	0 14 3
"	Rutland	—	—	—	12	6	1	0 2 10
Dundee	Morgan Hosp.	39	6	—	2	—	—	—

* Paid for out of the Insular Revenue.
† 191 students also submitted works for examination, to 3 of whom prizes were awarded.

Appendix D.

LIST OF ART CLASSES.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination. No. of Students examined.	2nd Grade Examination. Number successful.	2nd Grade Examination. No. who obtained Prizes.	3rd Grade Examination. No. of Students who sent up Works.	3rd Grade Examination. No. of Works sent up.	3rd Grade Examination. No. of Students who obtained Prizes for Works.	TOTAL AID BY DEPARTMENT. £ s. d.
	YORKSHIRE—*cont.*									
5170	Cottingley -	Town Hall, Mech. Inst.	12	8	—	—	—	—	—	
5178	Dewsbury -	Mech. Inst., Church St.	60	26	7	1	42	501	—	17 19 5
5183A	Driffield Great	Ch. Inst. Room, Exchange St.	30	13	7	2	16	91	2	10 15 3
5554	Drighlington-	Central Bd. S., Whitehall Rd.	20	9	—	—	—	—	—	Nil.
5188	Eccleshill -	Mech. Inst. -	57	18	7	1	20	81	—	14 2 11
5189	Elland - -	Bd. S., South End	27	23	6	2	27	172	—	5 8 0
5193A	Farsley - -	Mech. Inst., Town St.	18	4	1	1	4	12	—	4 18 0
5199	Great Ayton -	Agric. S. - -	43	24	2	1	43	328	—	6 16 8
5201	Great Horton	N. S. - - -	20	12	3	—	16	136	1	7 14 0
5206	Greetland -	Mech. Inst. -	15	14	1	—	14	154	—	6 6 3
5229	Haworth	Mech. Inst. -	8	6	2	—	7	27	—	3 6 6
5236	Heckmondwike	Mech. Inst. -	20	11	4	—	—	—	—	2 9 7
5248	Horsforth -	Mech. Inst., Town St.	20	5	1	—	10	145	—	3 5 6
5250	Huddersfield	Lockwood Mech. Inst.	30	11	—	—	18	91	—	3 0 0
5268	Hull - -	Bd. S., Wawne St.	50	8	2	—	50	705	1	19 16 6
5271	„ - -	Church Inst. -	18	21	6	1	16	111	—	8 12 9
5274	„ - -	Lit. Inst. - -	80	53	13	1	76	849	—	23 17 6
5286	Idle - -	Mech. Inst., Town Lane.	12	9	1	1	10	50	1	7 5 5
5295	Keighley -	Co-operative Hall	40	27	8	2	39	257	8	27 1 10
5545	„ -	Riddlesden Nat. S.	20	8	3	1	16	154	—	8 2 11
5294	Knaresborough	Gram. S. - -	12	7	—	—	12	106	1	6 1 3
5301	Leeds - -	Bd. S., Carlton Hill.	38	37	6	1	38	130	—	10 8 7
5554	„ - -	Central Bd. S., Drighlington.	9	9	—	—	—	—	—	Nil.
5318	„ - -	St. Judes' S., Leathley Road, Hunslet.	18	15	5	1	14	49	—	6 4 6
5319	„ - -	Woodhouse M. I.	39	24	10	1	26	334	1	16 18 2
5549	„ - -	Highfield S., 18th Avenue, Tong Road, New Wortley.	12	10	4	1	4	12	—	2 14 9
5320	„ - -	Wkg. Men's Hall	25	18	3	—	21	80	1	7 8 1
5321	„ - -	Young Men's Christian Assoc.	64	32	17	7	64	219	12	44 6 1
5328	„ - -	Bd. S., Princes' Field.	51	38	2	—	51	191	—	7 7 6
5330	„ - -	Richmond Hill, Wes. Sch.	13	6	—	—	13	81	—	0 18 0
5331	„ - -	Bd. S., Park Lane	26	28	8	1	26	153	1	12 4 1
5346	Longwood -	Gram. S., Cliffe End.	52	25	3	—	52	693	—	16 5 6
5349	Marske-by-the-Sea.	Miners' Inst. -	15	10	1	—	14	123	—	3 13 6
5359	Mirfield -	Mech. Inst. -	20	8	1	—	—	—	—	0 10 0
5365	Morton (near Bingley).	Independent S. -	15	9	—	—	11	107	—	3 10 6
5369	Oakworth -	Mech. Inst. -	33	17	11	3	33	267	1	20 14 4
5371	Otley - -	Mech. Inst. -	30	16	3	1	21	141	2	11 16 6
5375	Pudsey - -	Mech. Inst. -	15	13	6	—	14	82	—	8 1 6
5525	Rastrick -	Gram. Sch. -	22	16	1	—	19	434	—	6 11 6
5393	Rothwell -	Mech. Inst. -	20	7	1	—	—	—	—	0 10 0
5397	Scarborough -	Mech. Inst. -	60	22	3	—	60	1038	—	19 16 0
5398	„ -	St. Mary's Higher Grade S.	28	20	3	—	28	399	—	11 5 0

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			Total Aid by Department.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Students obtained Prizes for Works.	
	YORKSHIRE—*cont.*									£ s. d.
5422	Sheffield -	Chr. and Educ. Inst.	50	12	4	—	26	122	—	2 0 0
5423	„ -	Ch. of Eng. Educ. Inst.	60	38	13	2	48	565	—	20 13 1
5425	„ -	Mech. Inst. -	40	23	4	1	23	127	—	8 19 5
5428	„ -	Bd. S., Attercliffe	33	19	6	3	33	421	3	17 14 7
5436	„ -	Central Bd. S., Orchard Lane.	40	32	10	2	40	375	—	15 5 8
5500	Silsden - -	Bd. S. - -	22	13	4	—	22	140	2	10 7 6
5445	Skinningrove	Miners' Inst. -	25	20	8	3	23	139	—	8 0 4
5446	Skipton - -	Mech. Inst. -	30	26	5	—	26	493	—	14 17 6
5504	Slaithwaite -	Mech. Inst. -	30	11	5	2	11	332	—	8 12 5
5526	„ -	Free S., Church St.	30	5	2	—	5	44	—	1 0 0
5452	Sowerby Bridge	N. S. - - -	30	23	10	1	29	215	—	14 13 6
5453	Stanley (Wakefield).	Ch. S., Lake Loch.	20	10	1	—	—	—	—	0 10 0
5455	Steeton - -	Provident S. -	15	7	3	—	15	88	—	4 11 6
5456	Sutton - -	N. S. - - -	20	8	1	1	17	74	1	7 11 10
5461	Thirsk - -	Mech. Inst. -	24	6	2	—	11	54	2	3 19 4
5463	Thorne - -	Brooke's Gram. S.	8	1	—	—	—	—	—	Nil.
5465	Thornton (nr. Bradford).	Mech. Inst. -	20	12	1	—	18	134	—	8 8 6
5476	Whitby - -	West Cliff S. -	37	27	7	1	37	503	—	12 18 4
5482	Wortley - -	Wkg. Men's Inst. Lower Wortley.	50	29	4	—	36	163	4	18 1 10
	WALES.									
7341	Aberystwith -	S., Ardwyn - -	20	13	—	—	—	—	—	Nil.
5688	Dolgelly - -	Dr. Williams' S.	25	9	3	—	—	—	—	2 0 0
7356	Haverfordwest	S. of Industry -	50	10	5	2	21	104	—	9 0 11
5627	Llandovery -	The College -	26	12	—	—	—	—	—	Nil.
5631	Llanelly -	Neville Mem. Rm.	18	22	4	2	4	17	—	4 7 10
5633	„ -	Bd. S. - - -	30	12	5	—	—	—	—	3 3 11
5639	Mallwyd -	Church of E. S. -	8	10	3	—	—	—	—	2 0 0
5675	Neath - -	Mech. Inst. -	40	17	9	3	13	154	—	5 3 2
5653	Pembroke Dock.	N. S. - - -	20	8	5	3	16	436	—	11 13 10
5659	Penygroes -	Bd. S. - - -	30	23	2	—	—	—	—	1 0 0
5654	Pontardulais -	Bd. S. - - -	10	5	1	—	4	27	—	0 19 6
	SCOTLAND.									
5705	Aberdeen -	Robt. Gordon's Coll., School-Hill.	50	41	12	2	—	—	—	7 1 3
5725	Arbroath -	High S. - -	40	32	12	4	—	—	—	9 10 9
5726	Ardrossan -	No. 2 Pub. S. -	15	15	5	1	15	129	1	7 5 1
5727	Ayr - -	Academy - -	80	56	16	9	42	1043	8	46 14 11
5728	Bannockburn	Jas. Wilson Acad. Main St.	10	3	2	—	—	—	—	1 0 0
5765	Dumfermline	High S., Queen Anne Street.	46	35	15	3	46	269	9	41 9 7
5757	Dumfries -	St. Joseph's Coll.	34	21	6	2	34	810	—	13 19 4
5758	Dundee - -	Christ. Assoc. -	130	65	19	5	88	654	5	47 5 11
5760	„ - -	Pub. S., Victoria Road.	40	32	6	—	31	249	—	9 6 0
5761	„ - -	Pub. S., Balfour Street.	41	25	7	2	41	188	2	19 2 4

Appendix D.

LIST OF ART CLASSES.

List of Art Classes—*continued.*

Class No.	Town.	Where held.	No. of Persons under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.			TOTAL AID BY DEPARTMENT.
				No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Students who obtained Prizes for Works.	
	SCOTLAND—*cont.*									£ s. d.
5766	Dysart	Pub. S., Factory Rd., Pathhead.	24	14	6	4	11	70	2	14 16 2
5790	Edinburgh	Pub. S., Lothian Road.	120	115	32	8	88	484	—	37 4 4
5965	Forfar	Academy	94	30	12	4	61	307	1	32 17 9
5808	Fraserburgh	Academy	16	9	—	—	10	49	—	2 2 0
7669	Galashiels	Burgh Pub. S., Gala Park Rd.	40	11	10	3	—	—	—	7 14 8
5814	Galston	Brown's Inst.	21	16	3	—	8	96	—	2 19 6
5820	Glasgow	Pub. S., Crookston Street.	50	24	7	3	30	313	—	13 0 7
5824	„	Athenæum	60	7	2	1	22	62	2	8 4 3
5976	„	Allan Glen's Inst.	209	102	58	14	209	2514	1	78 8 3
5834	„	Pub.S., Henderson Street.	40	18	5	—	13	63	—	2 17 10
5837	„	Oatlands Pub. S.	60	20	7	4	44	311	5	20 12 7
5822A	„	Christ. Assoc.	30	10	4	—	18	94	—	6 19 0
5822D	„	Christ. Assoc., Partick.	14	—	—	—	14	62	—	3 9 0
5958A	„	Pub. S., Kennedy Street.	54	31	12	3	54	492	5	38 12 7
7622	„	Bishop St. S.	45	22	8	3	27	144	3	15 18 1
5818	„	Pub. S., 100, Thomson St.	27	15	6	1	16	103	—	8 7 10
5819	„	City Pub. S., 74, John St.	44	28	18	3	44	356	2	36 11 9
5850	Greenock	Town Hall	75	32	18	3	54	237	8	27 19 0
5960A	Hamilton	Academy	30	33	15	6	30	430	—	28 5 7
5886	Kirkcaldy	Burgh S., St. Brycedale Av.	46	41	27	12	46	243	4	57 6 0
5901	Lochee	Ancrum Road Pub. Sch.	50	36	11	5	39	102	3	23 3 1
7603	Montrose	Acad., Academy Square.	100	26	10	5	49	207	4	33 19 3
5912	Paisley	Sch. of Design, Gilmour St.	60	65	32	17	44	383	2	44 14 11
5945	Tillicoultry	Pub. S.	26	21	3	—	—	—	—	1 19 0
		IRELAND.								
	LEINSTER.									
6123	Kilkenny	St. Kieran Coll.	19	19	4	—	—	—	—	Lapsed.
	ANTRIM.									
6361	Belfast	Ladies' Coll.	80	18	7	—	8	35	—	3 0 6
6362	„	Meth. Coll.	60	11	5	—	8	98	—	2 17 6
	ARMAGH.									
6403	Armagh	The Mall N. S.	50	30	10	—	23	254	4	14 11 6
	TYRONE.									
7117	Dungannon	Art Class Rms., Thomas Street.	35	1	1	—	—	—	—	Nil.

Totals of Art Classes in the

UNITED KINGDOM.

	Number under Instruction in Drawing.	2nd Grade Examination.			3rd Grade Examination.				Amount of Payments on the Results of the Examination.	Aid towards purchase of Examples.	Cost of Prizes.	Total Aid to Art Classes.
		No. of Students examined.	Number successful.	No. who obtained Prizes.	No. of Students who sent up Works.	No. of Works sent up.	No. of Artisans on whose works payments were allowed.	No. of Students who obtained Prizes.				
									£ s. d.	£ s. d.	£ s. d.	£ s. d.
Totals for 1882 - - *545 classes - - - -*	21,215	9,988	3,248	767	12,165	157,583	11,249	341	4,980 9 11	203 8 6	656 6 7	5,840 5 0
„ 1881 - - 584 „ - - - -	23,026	11,322	2,905	600	13,187	168,720	12,371	428	5,041 7 2	113 9 3	620 6 1	5,775 2 6
„ 1880 - - 632 „ - - - -	26,646	11,792	4,657	1,109	13,315	144,749	12,362	477	6,119 10 8	121 15 8	985 5 11	7,226 12 3
„ 1879 - - 732 „ - - - -	29,393	14,232	4,192	906	14,254	144,461	13,153	434	6,167 12 0	239 1 9	680 16 8	7,087 10 5
„ 1878 - - 871 „ - - - -	27,152	13,027	4,198	1,084	13,929	129,089	12,577	442	5,827 9 0	452 3 0	666 4 6	6,945 16 6
„ 1877 - - 910 „ - - - -	29,579	14,297	3,532	848	13,119	121,838	11,642	505	5,640 2 11	984 16 9		6,624 19 8
„ 1876 - - 883 „ - - - -	31,158	12,432	3,797	663	13,068	118,535	11,370	465	6,318 6 11	996 19 11		7,315 6 10
„ 1875 - - 779 „ - - - -	25,359	12,282	4,295	800	11,680	101,618	9,850	400	5,897 2 4	896 6 4		6,793 8 8
„ 1874 - - 653 „ - - - -	21,851	10,302	4,452	950	9,636	84,036	8,332	388	5,619 11 9	919 17 6		6,539 9 3
„ 1873 - - 613 „ - - - -	20,352	8,371	3,851	803	8,004	67,049	6,921	217	4,781 5 11	1,010 3 8		5,791 9 7

* These numbers include 72 new classes established since May 1882, in which 1,956 students were taught.

Appendix D.

SCHOOLS OF ART.

7. SUMMARY of the REPORTS of SCHOOLS OF ART

TOWN.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Aberdeen - -	105,003	1853	The Mechanics' Inst.	17	Walker, Alex. -	Sinclair, James
Andover - -	5,654	1854	The Inst., Bridge Street.	12	Collier, Rev. C. -	Hayes, Geo. -
Barnsley - -	29,789	1874	Public Hall, Eldon Street.	16	Sadler, M. T., M.D.	Mirimonde, O. de
Barnstaple - -	12,494	1877	Literary Inst., High Street.	25	Bull, Rev. H. J.	Hunt, F. W. -
Barrow-in-Furness.	47,111	1874	Abbey Road -	22	Ramsden, Sir J.	Pearson, H. G.
Bath - - -	53,761	1854	33, Paragon -	15	Allen, Major, R. S., J.P.	Wood, Chas. -
Bedford - -	19,532	1881	60, Bromham Road.	14	Phillpotts, J. S., M.A., B.C.L.	Allen, A. H. -
Belfast - -	207,671	1870	College Square, North.	27	Lanyon Sir C., J.P	Robinson, H. -
Berwick-on-Tweed.	13,995	1873	Sandgate - -	21	Purves, J. D. -	Gray, Jas. - -
Bideford - -	6,513	1875	Bridge Street -	26	Stucley, Sir G. S., Bart.	Rooker, W. S. -
Birkenhead -	83,324	1855	Park entrance, Conway Street.	15	Cowie, Alfred H.	Laird, H. H. -
With Branch Class at :—		1881	The Holt, Tranmere.		- - - -	- - - -

for the Year ending 31st July 1882.

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples. £	s.	d.	Local Prizes.
Fraser, John P., 1, 2, 3, 6a, 6b.	Day, 3*s.* 6*d.* to 10*s.* 6*d.* per month; evening, 2*s.*, 2*s.* 6*d.*, and 3*s.* 6*d.* per month.	82	222	4	—	2	4	2	10*l.* in small prizes.
Seaward, S. C., 1	Day, 40*s.* per session and 2*s.* entrance; evening, 1*s.*, 2*s.*, and 3*s.* per month, and 2*s.* entrance.	24	43	—	—		—		Small prizes.
Taylor, Jas. B., 1, 2, 3, 6.	Day, 21*s.* and 15*s.* per quarter; evening, 4*s.*, and 5*s.*, per quarter, and 1*s.* entrance.	18	83	—	—		—		—
Kennedy, J., 1, 6a, 6b.	Day, 10*s.* 6*d.* and 21*s.* per term of 10 weeks, evening, 2*s.* 6*d.* per term of 10 weeks.	44	104	2	—	2	6	2	—
Pratt, Robt., 1, 6.	Day, 4*l.* 4*s.* and 2*l.* 2*s.* per session, and 1*s.* entrance; evening, 16*s.* 6*d.* per session, and 1*s.* entrance.	22	127	—	—		—		10*l.* 10*s.* in small prizes.
Hodges, C. M., 1, 2, 3.	Day, from 16*s.* to 30*s.* per quarter; evening, 2*s.* per month or 10*s.* per quarter, and 2*s.*, entrance.	85	132	—	—	4	16	8	Small prizes.
Denyer, A., 1 -	Day, 2*s.* 6*d.*, 3*s.* 6*d.*, and 5*s.* per month; evening, 1*s.* 2*d.* per month.	94	10	—	—	5	0	0	—
Trobridge, G., 1, 2, 3, 4; Sumner, J., 1, 2.	Day, 12*s.* 6*d.* or 25*s.* per quarter; evening, 6*s.* 6*d.* or 10*s.* 6*d.* per quarter.	202	233	1	—	5	3	1	Sums from 5*s.* to 2*l.*, and other small prizes.
Wallace, J., 1 -	Day, 5*s.* and 7*s.* per month; evening, 18*s.* per session.	32	47	—	—	3	2	0	—
Thomas, S., 1, - 2, 6a, 6b.	Day, 4*l.* 4*s.* per sess.; evening, 2*l.* 2*s.* or 7*s.* per session.	14	76	—	—		—		12*l.* in small prizes.
Bentley, J., 1, 4, 6, 6a.	Day, 28*s.* or 56*s.* per session and 5*s.* entrance; evening, 8*s.* and 14*s.* per sess., and 2*s.* 6*d.* entrance.	59	108	—	—	18	15	6	40*l.* or 50*l.* prizes and free studentships.
- - - -	- - - - - -		59	—	—		—		—

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Birmingham -	400,757	1842	Paradise Street	22	Chamberlain, J. H.	Porter, Paxton -
With Branch Classes at :—		1879	Jenkins Street -			
		1876	Moseley Road -			
		1876	Osler Street -			
		1876	Smith Street -			
		1876	Bristol Street -			
		1876	King Edward's School, New Street.			
Bolton - -	105,973	1876	Church Inst., Silverwell St.	12	Powell, Rev. Canon.	Gibbon, Rev. J. H., B.A.
Boston - -	13,867	1860	Corporation Buildings, Market Place.	24	Blenkin, Rev. G. B., M.A.	Wheeler, W. H., C.E.
Bournemouth -	16,859	1881	2, St. Peter's Terrace.	13	Ryan, Rt. Rev. Bishop, D.D.	Schofield, Thos. H.
Bradford - -	180,459	1871	Mechanics' Inst., Bridge Street.	16	Law, James, J.P.	Holbrey, Joseph
„ - -	„	1874	Grammar School, Manor Row.	10	Milnes, Eli -	Batty, Saml. -
„ - -	„	1874	Church Inst., North Parade.	10	Aston, Rev. Wm., LL.D.	Barr, Robert -
Bridport - -	7,600	1865	Literary and Scientific Inst.	21	Reynolds, Arthur	Nantes, Charles G.
Brighton - -	128,407	1858	Grand Parade	24	Merrifield, Fred.	Lomax, Benj. -
With Branch Class at :—		1880	Haddington Street			
Bristol - -	206,503	1853	Queen's Road -	12	Wills, George, J.P.	Wills, Fredk. -
Bromley (Kent)	15,153	1878	Tweedy Road -	15	Scott, Sir E. H., Bart.	Davis, T. - -

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples. £	s.	d.	Local Prizes.
Taylor, E. R., 1, 2, 3, 6a; Jackson, F. G., 1, 2, 3.	Day, 25*s.*, 30*s.*, 50*s.*, 60*s.*, and 90*s.* per session; evening, 15*s.* and 30*s.* per session.	367	260	25	—	43	19	5	1 Scholarship of 40*l.* a year; 5 Scholarships of 5*l.* a year; 15 free studentships; 12*l.* 17*s.* in money prizes from 10*l.* to 5*s.*; 47*l.* 8*s.* 6*d.* in book prizes, value from 1*l.* to 5*s.*, and other prizes.
Hewitt, Alfred E., 1.	Evening, 12*s.* per session.	—	40	—	—	3	2	0	
Bridge, W., 1	Evening, 12*s.* per session.	—	55	—	—	3	2	0	
Cox, T., 1	Evening, 12*s.* per session.	—	40	—	—	3	2	0	
Robertson, D. W., 1.	Evening, 12*s.* per session.	—	120	—	—	3	2	0	
Reily, F., 1	Evening, 12*s.* per session.	—	113	—	—	3	2	0	
Morgan, Chas., 1; Cox, T., 1; Robertson, D. W., 1.	Day, average fee about 1*l.* 2*s.* 8*d.* per annum.	336	—	—	—	3	2	0	
Stott, Hy., 1	Day, 2*s.* to 15*s.* 6*d.* per 4 months; evening, 2*s.* 6*d.* per 4 months.	150	178	—	—	11	19	3	Two of 5*l.* 5*s.* two of 2*l.* and eight of 1*l.* 1*s.*
Howard, Vernon, 1, 2, 6a.	Day, 8*s.* and 5*s.* per month, 5*s.* and 2*s.* 6*d.* entrance fee; evening, 5*s.* and 10*s.* per session, 2*s.* and 1*s.* entrance fee.	56	48	—	—	1	4	3	—
Clarke, Chas. Macdonald, 1, 2.	Day, 10*s.*, 20*s.*, and 30*s.* per month, 5*s.* entrance fee; evening, 2*s.*, 3*s.* 4*d.*, 4*s.*, and 6*s.* 8*d.* per month, 1*s.* and 2*s.* entrance.	109	34	—	—	8	15	10	—
Sowden, John, 1	Day, 7*s.* per month; evening, 10*d.*, 1*s.* 4*d.*, and 1*s.* 10*d.* per month.	44	214	—	—	12	0	4	Upwards of 16*l.* in prizes including a silver medal.
Bergan, F., 1	Fee for day classes included in general school fee; evening, 5*s.* per session.	247	18	—	—	—			—
Watson, Thos., 1	Day, 4*d.* and 7*s.* per month; evening, 9*d.* per month.	69	76	—	—	1	11	8	Small prizes.
Christie, F. H., 1.	Day, 63*s.* and 42*s.* per session; evening, 20*s.* & 10*s.* per sess.	33	61	1	—	—			Small prizes.
Fisher, Alex., 1, 2, 4, 6 & 6a; Alderton, W. M., 1; Clifton, Tom E., 1.	Day, 28*s.* and 42*s.* per session; evening, 6*s.*, 6*s.* 6*d.*, 10*s.*, and 12*s.* per session.	168	277	—	—	12	7	2	3 silver and 3 bronze medals; and 12 free studentships.
		—	22	—	—	—			—
Smith, J. Nicol, 1, 2, 6a, 6b; Pearce, Joseph A., 1.	Day, 30*s.*, or 55*s.*, and 5*s.* entrance fee; evening, 8*s.* and 12*s.* per session, and 2*s.* entrance fee.	183	200	1	—	7	5	3	Bronze medal and about 25*l.* per annum in prizes.
Randall, John, 1, 2, 3, 6a.	Day, 15*s.*, 21*s.*, and 30*s.* per term; evening, 5*s.*, per term.	83	52	—	—	—			—

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

TOWN.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Bromsgrove -	7,959	1860	Inst. Buildings, High Street.	12	Murray, Rev. G. W., M.A.	Gibson G. W. -
Burnley - -	63,502	1879	Yorke Street -	23	Brumwell, J. C., M.D., J.P.	Foden, C. M. -
Burslem - -	26,521	1869	Wedgwood Memorial Inst.	27	Davenport H. T., M.P.	Julian, F. M. -
Burton-on-Trent	39,285	1881	Union Street -	19	Thornewill, Rev. Chas.	Jennings, Frss. Jas.
Cambridge - -	40,882	1858	Guildhall, Market Hill.	17	Phelps, Dr. R. -	Fawcett, W. M. M.A.
Canterbury -	17,058	1882	St. Peter's Street	26	Lambert, Capt. -	Young, Wm. David.
Cardiff - -	82,573	1868	Working Street	24	Taylor, Alderman	Wheatley, J. L.
Carlisle - -	35,866	1854	Mechanics' Hall, Fisher Street.	20	Ferguson, R. S., F.S.A., (Mayor).	Hannah, T. H., B.A.
Carmarthen -	10,512	1854*	Parade Road -	18	Morris, Thos. C., J.P.	Howells, H. -
Carnarvon - -	10,512	1853	Brunswick Buildings, Castle Sq.	20	Lloyd, Morgan -	Thomas, L. R. -
Cheltenham -	46,844	1852	Clarence Parade	22	Wilson, Chas. -	Middleton, J. -
Chester - -	40,342	1853	Pepper Street -	20	The Very Rev. the Dean.	Collingham, Thomas L.
Chesterfield -	12,221	1879	Stephenson Memorial Hall.	42	Coke, R. G. -	Douglas, B. -
Cirencester -	8,131	1860	Corn Hall Buildings, Market Place.	19	Hayward, Rev. H. R.	Haygarth, E. B.

* Re-established in 1881.

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples. £ s. d.	Local Prizes.
Dickinson, Henry D., 1: Coates, W. A., 1.	Day, 5*s.* and 10*s.* per session; evening, 2*s.* 6*d.* and 4*s.* per session.	42	47	—	—	—	Small prizes.
Hey, Wm. H., 1	Day, 5*s.* and 7*s.* 6*d.* per quarter; even., 4*s.* and 6*s.* per sesssion.	19	156	—	—	12 5 5	Small prizes.
Thenker, George, 1, 6.	Day, 32*s.* per session; evening, 2*s.* per month, and 10*s.* entrance fee.	88	177	4	*	7 10 5	Small prizes.
Whitehead, Joseph, 1.	Day, 1*l.* 1*s.* per session; evening, 5*s.* and 10*s.* 6*d.* per session.	23	62	1	—	—	—
Wood, Daniel, 1, 2, 4, 6a.	Day, 1*s.*, 3*s.*, 5*s.* 6*d.*, 7*s.*, 8*s.*, and 10*s.* per month, and 5*s.* and 2*s.* 6*d.* entrance fee; evening, 3*s.*, 5*s.* 6*d.*, 7*s.*, and 8*s.* per month, and 5*s.* and 2*s.* 6*d.* entrance fee.	53	29	—	—	3 9 0	Small prizes.
Collier, Bernard C., 1, 2, 6.	Day, 21*s.*, 25*s.*, and 30*s.* per session, and 10*s.* 6*d.* per month, and 5*s.* entrance fee; evening, 6*s.* and 15*s.* per session, and 7*s.* 6*d.* per half term.	54	45	—	—	24 16 11	—
Bush, James, B.Sc., 1.	Day, 7*s.* 6*d.*, per month; evening, 2*s.* 6*d.* or 3*s.* 6*d.* per month.	29	131	—	—	—	1 gold, 1 silver, 1 bronze medal, and 14*l.* 10*s.* in sums from 5*s.* to 2*l.*
Lees, Herbert, 1, 2, 6a.	Day, 9*s.* 6*d.* per month or 30*s.* per session; evening, 1*s.*, 2*s.*, and 3*s.* per month.	30	141	—	—	—	—
Jones, Wm., 1, 2, 6b.	Day, 12*s.* 6*d.* per quarter; evening, 3*s.* and 5*s.* per quarter.	22	74	—	—	0 18 0	—
Rowland, J. C., 1.	Day, 7*s.* and 13*s.* 4*d.* per month; evening, 2*s.* and 3*s.* 4*d.* per month.	4	54	—	—	1 0 0	—
Millard, C. S., 1, 2	Day, 30*s.*, and 38*s.* per session; evening, 3*s.*, 5*s.*, 6*s.*, and 10*s.* per session.	84	98	—	—	8 15 1	Small prizes.
Craister, Walter, 1, 6a, 6b.	Day, 21*s.* and 42*s.* per session; evening, 10*s.* and 21*s.* per session.	28	107	1	—	—	—
Bradbury, A. A., 1, 2, 6; Whitehead, J., 1.	Day, 21*s.* to 30*s.*, per session; evening, 6*s.*, 12*s.*, or 15*s.* per session.	25	56	2	—	1 5 4	Two prizes in books of the value of 21*s.* each.
Miller, James, 1, 6a, 6b.	Day, 20*s.* to 7*s.* 6*d.* a quarter; evening, 5*s.* to 2*s.* 6*d.* per qr.	56	80	2	1	1 13 9	Small prizes.

* One student obtained a National Scholarship.

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Clonmel - -	10,519	1851	Literary Inst., Anglesea Street	10	Fitzgerald, Gerald.	Fayle, Benjn. -
Coalbrookdale -	1,574	1856	Literary and Scientific Institute.	11	Norris, Wm. Gregory., J.P.	Dunbar, Isaac -
Cork - - -	97,526	1854	Nelson Place -	23	Scott, Robert, J.P.	Adams, George J
Coventry - -	47,366	1844	Ford Street -	23	The Mayor -	Gulson, John -
Croydon - -	78,947	1868	George Street -	20	Carpenter, Alfred, M.D., J.P.	Mennell, Henry T.; Henman, Charles, jun.
Darlington - -	33,426	1857	Mechanics' Inst., Skinnergate.	15	Pease, Henry F., J.P.	Laidler, F. B. -
Derby - - -	77,636	1870	Green Hill -	12	Evans, T. W., M.P.	Cooper, Wm. -
Devizes - -	6,645	1864	Assize Courts -	21	Hill, Richard (Mayor).	Nott, William -
Devonport - -	63,870	1875	Free Library -	22	May, Joseph, J.P.	Mogg, Wm. -
Dollar - -	2,499	1875	Inst. - - -	16	Haig, W. J., J.P.	Levack, Geo. S.
Doncaster - -	21,130	1877	St. George's Gate	12	Stockil, R. -	Howorth, Jas. -
Dorchester - -	7,563	1867	Shire Hall, High West Street.	18	Everett, Rev. H.	Hussey, J. F. -
Dover - - -	29,486	1870	Northampton St.	22	Scott, Major H.	Knocker W. -
Dublin, Metropolitan.	273,064	1849	Leinster House, Kildare Street.		[Science and Art Department]	
Dublin - -	„	1869	Queen's Inst., Molesworth St.	13	Jones, Sir Thos. A., P.R.H.A.	Corlett, Miss A. B.
Dudley - -	87,407	1853	Upper King St.	13	Slade, Rev. J. J., M.A.	Smith, George -

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples. £ s. d.	Local Prizes.
Fraser, E. A., 1, 6b.	Day, 3*s.* per month; evening, 1*s.* and 2*s.* per month.	20	46	—	—	—	—
Gibbons, Owen, 1; Gibbons, Francis, 1.	Day, 1*s.* to 2*s.* per month; evening, 5*s.* to 7*s.* per month.	99	17	7	—	5 8 10	—
Brenan, James, R.H.A.,1,2,3,6a.	Day, 20*s.* per session; evening, 10*s.* per session.	151	118	1	—	31 7 10	10*l.* in small prizes, and a silver medal.
Anderson, John, 1, 2, 3, 6a.	Day, 4*s.*, 7*s.*, 14*s.*, and 28*s.* per session; evening, 5*s.*, 7*s.* and 14*s.* per session.	80	133	7	—	—	39*l.* 9*s.* 8*d.* in money prizes and books.
Wallis, Walter, 1, 2, 3; Hackford, Mary S., 1, 2.	Day, 15*s.* and 25*s.* per term, and 5*s.* entrance fee; evening 10*s.* 6*d.* and 21*s.* per term, and 2*s.* 6*d.* per month, and 2*s.* and 5*s.* entrance fee.	177	50	—	—	7 0 0	Small prizes.
Elton, Samuel, 1, 6.	Day, 15*s.* and 21*s.* per quarter; evening, 5*s.* and 7*s.* 6*d.* per quarter.	44	84	—	—	9 19 9	—
Bradbury, A. A., 1, 2, 6b.; Boyes, W. J., 1.	Day, 21*s.*, 25*s.*, and 30*s.* per quarter; evening, 6*s.*, 12*s.*, and 15*s.* per quarter.	92	340	3	—	36 16 3	—
Coles, Wm. Chas., 1.	Day, 31*s.* 6*d.* per session and 2*s.* 6*d.* entrance fee; evening, 2*s.* per month, and 2*s.* 6*d.* entrance fee.	53	29	—	—	—	Small prizes.
Babb, Henry R., 1.	Day, 10*s.* 6*d.* and 7*s.* per month; evening, 5*s.* and 1*s.* 8*d.* per month.	33	160	—	—	35 0 0	—
Watson, Thomas A., 1, 2, 6b.	Day, included in general fees; evening, 3*s.* 6*d.* per session.	—	13	—	—	—	—
Harley, George W., 1, 2, 6.	Day, 8*s.* per month; evening, 2*s.* 6*d.* per month.	24	44	—	—	—	—
Baker, Thomas, 1, 2, 6b.	Day, 21*s.* and 30*s.* per term; evening, 4*s.* and 8*s.* per term.	38	33	—	—	—	—
East, Wm. Henry 1, 2.	Day, 15*s.*, 16*s.*, 21*s.*, and 35*s.* per session; evening, 5*s.*, 7*s.* and 21*s.* per session.	143	84	—	—	1 19 8	Small prizes.
Lyne, Robert E., 1, 2, 3, 6a; Luke, Fredk., 1, 2, 6; Julyan, Mary, 1, 2, 3; Bradley, D., 1.	Day, 40*s.* to 80*s.* per session, and 2*s.* 6*d.* entrance; evening, 10*s.* to 20*s.* per session, 6*d.* to 2*s.* 6*d.* entrance.	179	286	1	—	145 16 4	25*l.* in money prizes.
Mayne, Arthur J., R.H.A., 1.	Day, 17*s.* 6*d.* to 21*s.* per session.	109	—	—	—	—	Free studentships, and prizes.
Jones, David, 1, 2, 6a, 6b.	Day, 21*s.* per quarter; evening, 10*s.*, 8*s.*, 5*s.* 6*d.*, and	30	149	—	—	14 2 8	—

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Dumfries - -	17,090	1874	Dumfries Academy, Academy Street.	12	Symons, John -	Symons, John, jun.
Dundee - -	140,054	1856	Euclid Crescent	12	Walker, P. G., J.P.	Cumming A. W.
Durham - -	15,372	1853	Sadler Street -	11	Bramwell, John	Le Keux, J. H.
Edinburgh (Male School).	228,190	1858	Royal Inst. -	—	The Board of Manufactures (any member of).	Inglis, Alexr. Wood.
Edinburgh (Female School).						
Elgin - - -	7,388	1876	North Street -	11	Black, Jas. -	Johnston, C. J.
Exeter - -	47,098	1854	Queen Street -	15	Lloyd, Horace C.	Hayward, Pearson B.
Falkirk - -	13,165	1878	Park Street -	19	Nimmo, Alexander.	Allan, Andrew -
Farnham - -	4,530	1870	South Street -	19	Mason, Richd. -	Wonnacott, Thos.
Frome - -	9,376	1865	North Parade -	9	Cruttwell, W. C.	Singer, John W.
Glasgow - -	487,948	1842	Corporation Buildings, Sauchiehall Street.	33	Leadbetter, Robert H. -	Catterns, E. R.
With Branches at :—		1877	Buchanan Institute.			
		1881	Melville Street -			

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples. £ s. d.	Local Prizes.
Bain, George, 1	Day, 2*s.* 6*d.*, 3*s.*, 4*s.*, and 6*s.* per month; evening, 2*s.* per month.	186	48	—	—	—	—
Grubb, Wm. M., 1, 6.	Day, 15*s.* and 21*s.* per quarter, 5*s.* entrance; evening, 2*s.* per month.	577	186	5	—	20 0 0	A gold cross and silver medal.
Thompson, Frank, 1, 2, 6.	Day, 21*s.* and 10*s.* 6*d.* per session; evening, 5*s.* per quarter, 1*s.* entrance.	80	117	1	—	9 15 0	15*l.* in small prizes.
Hodder, Charles D., 1, 2; Gibbons, Edward, 1, 2, 4.	Day, 20*s.* and 30*s.* per session, and 5*s.* per month; evening, 10*s.* per session, and 2*s.* 6*d.* per month.	130	467	2	2	3 15 6	20*l.* in sums from 1*l.* to 4*l.*
Woon, Rosa E., 1, 2; Surenne, M. H., 1.	Day, 20*s.*, 30*s.*, and 40*s.* per session, and 5*s.* per month; evening, 10*s.* per session, and 2*s.* 6*d.* per month.	264	96	—	—	3 15 6	12*l.* in sums from 10*s.* to 2*l.* 10*s.*
Thirde, Wm. C., 1; Douglas, Robt. S., 1.	Day, 3*s.* 4*d.* or 5*s.* per month; evening, 2*s.* per month.	20	91	—	—	1 13 8	Two medals and book prizes.
Birkmyer, James B., 1, 2, 6a, 6b.	Day, 63*s.* and 42*s.* per session, 5*s.* entrance; evening, 1*s.*, 2*s.*, and 4*s.* per month, 2*s.* and 4*s.* entrance.	67	192	1	—	—	—
Wright, Peter, 1	Day, 15*s.* and 21*s.* per quarter, and 1*s.* entrance; evening, 6*s.* per quarter, and 1*s.* entrance.	17	76	—	—	—	—
Hill, Joseph, 1, 2, 6.	Day, 7*s.* per month; evening, 1*s.* per month.	32	14	—	—	—	—
Collins, W. G. H., 1.	Day, 3*l.* per session; evening, 2*s.* per month.	20	50	—	—	—	—
Simmonds, Thos. C., 1; Anderson, David, 1, 2, 3, 6.	Day, 8*s.*, 9*s.*, 10*s.* 6*d.*, 11*s.* 6*d.*, 12*s.* 6*d.*, 17*s.* 6*d.*, 20*s.*, 21*s.*, 22*s.* 6*d.*, 26*s.*, 27*s.* 6*d.*, 28*s.* 6*d.*, 38*s.*, 40*s.*, 50*s.*, and 58*s.* 6*d.* per qr., 1*s.* and 2*s.* 6*d.* entrance; evening, 8*s.*, 9*s.*, 10*s.* 6*d.*, 11*s.* 6*d.*, 12*s.* 6*d.*, 15*s.*, and 21*s.* per quarter, and 1*s.* entrance fee.	154	545	10	—	40 18 10	Money prizes and books to the amount of 80*l.*
Simmonds, Thos. C. 1; King, Jas. J., 1.	Evening, 8*s.*, 9*s.*, 10*s.* 6*d.*, and 12*s.* 6*d.* per quarter, and 1*s.* entrance fee.	—	73	—	—	—	
Simmonds, Thos. C., 1; Strongman, Benjn., 1.	Evening, 6*s.*, 8*s.* 6*d.*, 12*s.* 6*d.* and 15*s.* per quarter, and 1*s.* entrance fee.	—	24	—	—	—	

Appendix D.

SCHOOLS OF ART.

Summary of the R

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Sec
Glasgow—*cont.* -		1881	Broomloan Road			
		1882	Rossdhu Hall -			
		1881	Anderson Street			
Gloucester - -	36,552	1859	Brunswick Road	25	Parry, T. Gambier.	Ellis,
Gosport - -	7,366	1880	Market House -	15	Carter, B. W. -	Blake,
Halifax - -	73,633	1859	Crossley Street -	11	Marchetti, G. -	Fox, C
Hanley - -	48,354	1847	Pall Mall - -	19	Boothroyd, B., J.P.	Cooke,
Hartlepool (West)	28,167	1874	The Athenæum, Church Street.	19	Gourley, S., M.D., J.P.	Oughs
Hastings and St. Leonards.	47,735	1875	Claremont -	24	Foyster, Rev. H. B., M.A.	Rossit
Hertford -	10,000	1881	Railway Street	6	Wigram, Rev. W.	Schon
Huddersfield -	87,146	1872	Northumberland Street.	23	Brooke, Thomas, J.P.	Keen, F.C.S
Hull - -	161,519	1861	No. 2, Albion St.	17	Gibson, John H., M.D.	Keywo D.
Ilkley - -	4,733	1881	The College, Queen's Road.	13	Middleton, Major	Moelle
Inverness - -	17,356	1865	Academy Street	42	Simpson, Alexander.	Reid,
Ipswich - -	50,762	1859	High Street -	19	Westrop, S. -	Piper,

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples. £ s. d.	Local Prizes.
Simmond, Thos. C., 1; Strongman, Benjn., 1.	Evening, 6*s.*, 8*s.* 6*d.*, 12*s.*, and 15*s.* per quarter, and 1*s.* entrance fee.	—	16	—	—	—	
	Day, 8*s.*, 9*s.*, 17*s.* 6*d.*, 25*s.*, and 28*s.* 6*d.* per quarter, and 2*s.* 6*d.* entrance	46	—	—	—	16 6 6	
Simmonds, Thos. C., 1; Beale, Seymour, 1.	Evening, 6*s.*, 8*s.* 6*d.*, 12*s.*, and 15*s.* per quarter, and 1*s.* entrance.	—	11	—	—	—	
Kemp, John, 1, 2, 6a.	Day, 10*s.* to 50*s.* per quarter; evening, 4*s.* to 10*s.* per qr.	112	99	—	1	7 14 1	8*l.* in small prizes.
Fisher, Alfred, 1	Day, 15*s.* per quarter, and 3*s.* entrance; evening, 2*s.* per mo.	16	55	—	—	—	Small prizes.
Stopford, W. H., 1, 6a, 6b.	Day, 10*s.* and 2*s.* 6*d.* per month, and 6*s.* and 3*s*, entrance; evening, 2*s.* 6*d.* per month, and 3*s.* entrance.	41	86	4	—	2 19 3	20*l.* in prizes.
Cartlidge, S. J., 1, 2, and 4.	Day, 2*s.* and 5*s.* per month; evening, 2*s.* per month.	30	268	4	—	13 2 0	22*l.* 10*s.* in small prizes.
Denyer, Edmund E., 1, 2.	Day, 5*s.* per month; evening, 1*s.* 9*d.* per month.	19	98	—	—	14 5 10	2*l.* 2*s.* in money prizes.
Sullivan, M., 1, 2, 6.	Day, 25*s.*, 40*s.*, and 63*s.* per session; evening, 6*s.* 6*d.*, 7*s.*, 10*s.*, and 12*s.* per session.	72	150	—	—	—	—
Collier, Bernard C., 1, 2, 6.	Day, 30*s.* per session, 18*s.* half session; evening, 10*s.* 6*d.* per session, 5*s.* 3*d.* half session.	56	20	—	—	21 10 0	—
Borrows, H., 1.	Day, 63*s.*, 31*s.* 6*d.* per sess., & 6*d.* en. fee; evening, 1*s.* 2*d.* per month, and 6*d.* entrance.	78	256	1	—	20 0 0	—
Menzies, John, 1, 2, 6a, 6b; Menzies, Maria, 1.	Day, 12*s.*, 7*s.* 6*d.*, 6*s.* 6*d.*, and 5*s.* 6*d.* per month, 7*s.* 6*d.* and 2*s.* 6*d.* entrance; evening, 2*s.* per month, 2*s.* entrance.	133	110	—	—	13 9 4	26*l.* in small prizes.
Ablett, T. R., 1; Stephenson, C., 1.	Day, 10*s.* 6*d.* and 21*s.* per session; evening 7*s.* 6*d.* per mo.	49	41	—	—	65 10 8	—
Smart, Peter H., 1.	Day, 5*s.*, 7*s.* 6*d.* and 10*s.* per month; evening, 1*s.* 6*d.* per month.	21	76	—	—	3 0 0	—
Griffiths, W. T., 1, 6a, 6b.	Day, 10*s.* 6*d.* and 6*s.* 6*d.* per month, 5*s.* and 3*s.* entrance; evening, 3*s.* and 2*s.* per month, 2*s.* 6*d.* and 2*s.* entrance.	73	182	2	—	5 7 5	Small prizes.

Appendix D.

SCHOOLS OF ART.

Summary of the Repo

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretar
Keighley - -	25,245	1870	Mechanics' Inst.	10	Brigg, John, J.P.	Smith, Swi
Kendal - -	13,696	1870	New Road - -	34	Cropper, Jas., M.P.	Smith, Geo
Keswick - -	3,219	1877	High Street -	10	Spedding, J. J., J.P.	Howson, Al
Kidderminster -	25,634	1862	Exchange Street	22	Brinton, John, M.P.	Harvey, J. J.P.
Kilmarnock -	24,977	1867	Woodstock Street	43	Sturrock, Peter	Bain, David
Lancaster - -	20,724	1856	Market Street -	31	Gregson, H., J.P.	Paley, E. G.
Leamington -	25,976	1866	The Parade -	12	Leigh, Hon. and Rev. J. W., M.A.	Flavel, Sid jun.
Leeds - - -	309,126	1847	Cookridge Street	25	Dawson, Thomas	Dayson, J.
Leicester - -	122351	1870	Hastings Street	20	Paget, Alfred, J.P.	Barfield, Sa
Leicester - -		1880	Wyggeston Hospital.	14	Vaughan, Rev. Canon.	Burgess, A.
Lewes - - -	11,199	1868	Albion Street -	18	Godlee, Burwood, J.P.	Crosskey, R J.P.
Limerick - -	48,246	1852	Athenæum, Upper Cecil Street.	14	Spillane, William, J.P.	Connihan, J
Lincoln -	37,312	1863	Silver Street -	10	Warrener, Wm. Jno.	Mansell, James, M.

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance.		No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples.	Local Prizes.
		Day Classes.	Evening Classes.			£ s. d.	
Rawson, Wm., 1, 2, 4, 6; Butterfield, T. C., 1.	Day, 2*l.* to 4*l.* per year; evening, 4*s.* to 7*s.* 6*d.* per qr.	20	142	1	—	27 13 3	12*l.* in money prizes.
Turner, George, 1, 2, 4.	Day, 50*s.* and 40*s.* per 6 months, and 10*s.* and 5*s.* entrance; evening, 8*s.* and 10*s.* per 6 months.	11	45	1	—	0 13 3	Small prizes and a medal.
Cahill, R. S., 1 -	Day, 30*s.* per session of 10 weeks, and 5*s.* entrance fee; evening, 6*s.* per session of 10 weeks.	5	40	—	—	0 15 6	2*l.* 5*s.* in small prizes.
Tucker, Wm., 1, 2, 6b.	Day, 21*s.*, 15*s.*, 10*s.* 6*d.* and 7*s.* 6*d.* per sess., and 1*s.* entrance; evening, 5*s.* 6*d.* per session, and 1*s.* entrance.	75	125	12	—	—	Small prizes.
Millar, C. B., 1, 2, 3, 6; McHoull, R. P., 1.	Day, 6*s.* 6*d.* to 12*s.* 6*d.* per quarter; evening, 5*s.* per quarter.	55	91	3	—	0 19 5	Small prizes.
Gilbert, Herbert, 1, 6a.	Day, 3*s.* 4*d.*, 6*s.* 8*d.*, 10*s.*, 14*s.*, and 20*s.*, per term; evening, 3*s.* 4*d.*, 5*s.*, 6*s.* 8*d.*, and 14*s.* per term, and 2*s.* entrance.	74	120	—	—	3 19 0	Small prizes.
Sturgeon, Wm., 1, 2, 6a, 6b.	Day, 23*s.*, 16*s.*, 10*s.* 6*d.*, and 6*s.* per session, and 5*s.* and 2*s.* 6*d.* entrance; evening, 6*s.* per session.	95	49	1	—	—	—
Stevenson, Andrew, 1, 6a; Ramsden, Thomas, 1.	Day, 5*s.* to 25*s.* per quarter; evening, 5*s.* per quarter.	444	279	2	—	3 17 0	20*l.* in money prizes and books.
Harrison, Joseph, 1.	Day, 25*s.*, 21*s.*, and 15*s.* per session; evening, 6*s.* and 5*s.* per session.	112	176	2	—	22 3 3½	12*l.* in prizes.
Catlow, Geo. S., 1.	Day, included in school fees with an entrance fee of 1*l.*; evening, 2*s.* 6*d.* per session.	292	26	—	—	50 0 0	Small prizes.
Robinson, T. W. H., 1, 6.	Day, 50*s.*, 25*s.*, 20*s.*, or 15*s.* per session; evening, 6*s.* 6*d.* or 10*s.* per session, and 1*s.* entrance.	52	53	—	—	—	—
Brophy, N. A., 1, 6a, 6b.	Day, 10*s.*, 8*s.*, and 4*s.* per month, and 2*s.* 6*d.* entrance; evening, 2*s.* and 1*s.* per month, and 1*s.* entrance.	74	31	—	—	1 5 0	—
Webster, Alfred G., 1, 2, 3.	Day, 20*s.*, 30*s.*, and 42*s.* per session, and 6*s.* entrance; evening, 16*s.*, 9*s.* 6*d.*, and 7*s.* 6*d.* per session, 2*s.* per month, and 4*s.* entrance.	77	128	—	—	—	Scholarship of 20*l.*

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Liskeard - -	5,591	1879	The Parade -	14	Grubb, Albert, C. L.	Jewell, Chas. W.
Liverpool, North District - -	552,425	1855	Liverpool College, Shaw Street.	6	Taylor, Rev. Canon, D.D.	Jones, J. Gregory
Liverpool, South District - -		"	Mount Street -	9	Holt, Philip H. -	Sharp, Charles -
Londonderry -	28,947	1875	Shipquay Street	25	Reid, Sir Edward.	Prior, H. M. -
Lowestoft - -	20,000	1882	22, London Road	7	Nash, Rev. T. A., M.A.	Goff, Edgar -
Macclesfield -	37,620	1851	Park Green -	27	Birchenough, John.	Nicholson, J. O.
Manchester -	393,676	1838	All Saints, Cadish Street.	21	Grafton, F. W., M.P.	Marshal, Edwin W.
" -		1869	The Grammar School, Long Millgate.	17	Heywood, Oliver	Wood, W. H. -
" -		1878	Longsight Mech. Inst., Stockport Road.	11	Atkinson, Rev. J. A., M.A.	Robberds, Henry T.
" -		1880	Mechanics Institute, Princess Street.	14	Milner, George -	Reynolds, J. H.
Mansfield - -	13,651	1876	Queen Street -	16	Watson, R. M. -	Johnson, Rev. E.
Metropolitan Schools.						
Blackheath, Lee, and Lewisham.		1881	Bennett Park -	22	Sims, W. F. -	Bowley, Edwin
Blackheath Hill.		1860	13, Lansdowne Place.	26	Lambert, Rev. B.	Cook, C. A. -
Bloomsbury -		1842	43, Queen Square	22	Bayley, Rev. Sir E.	Bennoch, Francis, F.S.A.

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance.		No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples.	Local Prizes.
		Day Classes.	Evening Classes.			£ s. d.	
Evans, J. Godfrey H., 1.	Day, 21*s.* per term; evening, 7*s.* 6*d.* per term.	11	20	—	—	—	Small prizes.
Bishop, Wm. Jas.; Barfield, Lawrence, 1.	Day, various sums per session; evening, 12*s.* per half year.	347	75	—	—	10 19 4	Small prizes.
Finnie, John, 1, 2, 6a.	Day, 21*s.* and 42*s.* per quarter; evening, 3*s.* 3*d.* and 6*s.* 6*d.* per quarter.	127	235	—	1	26 19 8	4 silver medals and 3 bronze medals, also books to value of 11*l.* 16*s.*
Addey, Joseph P., 1, 2.	Day, 12*s.* 6*d.*, 15*s.*, 20*s.*, or 21*s.* per session; evening, 5*s.* or 10*s.* per session.	69	52	1	—	10 0 0	Money prizes of 35*l.*, and book prizes of 3*l.*
Clough, Robert 1, 6b.	Day, 20*s.* or 30*s.* per term of four months, and 2*s.* 6*d.* entrance fee; evening, 5*s.* or 7*s.* 6*d.* per term of four months, and 1*s.* entrance fee.	15	17	—	—	5 4 0	—
Scott, Walter, 1, 2, 3.	Day, 21*s.* per session; evening, 5*s.* and 2*s.* per session.	29	142	8	—	—	Small prizes.
Muckley, W. J., 1, 2, 3, 6a; Grubb, Alex. G., 1.	Day, 12*s.* to 52*s.* 6*d.* per term, and 3*s.* to 10*s.* 6*d.* entrance; evening, 4*s.* to 25*s.* per term; and 1*s.* to 5*s.* entrance.	211	210	—	—	18 9 5	53*l.* in prizes.
Pritchard, Z., 1, 2, 6a, 6b; Jackson, Joshua, 1.	Day included in general school fees; evening, 5*s.*, 7*s.*, 8*s.* and 10*s.* 6*d.* per quarter, and 2*s.* 6*d.* entrance.	918	158	2	1	5 4 3	—
Foster, Wm. 1, 6a.	Day, 12*s.* 6*d.*, 25*s.* and 40*s.* per quarter; evening, 5*s.* and 10*s.* per quarter.	7	27	—	—	—	—
Crowther, W. E., 1.	Day, included in school fee; evening, 2*s.* and 1*s.* per quarter.	307	127	—	—	4 7 11	Small prizes.
Sherwood, F., 1, 2.	Day, 15*s.* or 21*s.* per quarter; evening, 4*s.* or 8*s.* 6*d.* per quarter.	21	56	—	—	2 18 2	Small book prizes, &c.
Hill, Joseph, 1, 2, 6.	Day, 8*s.* and 10*s.* per month, and 5*s.* entrance fee; evening, 2*s.* 6*d.* per month, and 2*s.* 6*d.* en. fee.	80	32	—	—	1 10 5	—
Nesbitt, Sidney, 1; Brown, Geo., 1.	Day, 40*s.*, 50*s.*, and 60*s.* per session; evening, 12*s.* per session.	66	50	—	—	13 7 5	—
Gann, Louisa, 1; Wilson, Helena, 1, 2, 3; De la Belinaye, Laura, 1; Overton, Mary, 1; Pocock, Julia, 1.	Day, 42*s.* to 126*s.* per session, and 10*s.* 6*d.* entrance; evening, 5*s.* to 21*s.* per session, and 5*s.* entrance.	154	28	—	1	36 11 0	Scholarships, value 210*l.*, Queen's gold medal, and other prizes of books and money.

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Chiswick - -	3,452,350	1881	Bedford Park -	14	Dale, Rev. S. W. T.	Adams, Maurice B.
City and Spitalfields.		1842	Primrose Street, Bishopsgate.	10	Rogers, Rev. W.	Hadden, Rev. R. H.
Islington -		1873	21, Cross Street -	8	Wilson, Rev. Daniel, M.A.	Lamson, Joseph
Lambeth, with branch at 122 and 124, Kennington Park Road.		1862	Millers Lane, Upper Kennington Lane.	18	Herbert, Rev. G. W.	Bromfield, Rev. G. H. W.
North London		1868	Sandringham Rd., Kingsland.	23	Rüntz, John -	Paine, Charles C.
St. Martin's -		1854	Castle Street, Long Acre.	7	Humphry, Rev. W. G.	Maul, Rev. R. G.
St. Thomas, Charterhouse.		1853	42 and 44, Goswell Road.	12	Swann, Rev. Henry.	Cutler, Wm. -
*South Kensington.						
Stratford -		1872	Maryland Point, Leytonstone Rd.	12	Rivett, George -	Maydwell, Wm.
West London -		1862	155, Great Titchfield Street.	26	Davison, F. -	Crace, John D. -
Westminster -		1875	Royal Architectural Museum, 18, Tufton St.	11	Beresford Hope, Right Hon. A. J. B.	Adams, Maurice B.
Middlesbro -	54,965	1873	Durham Street -	12	Wilson, John P.	Taylor, Wm. -
Morpeth -	33,402	1870	Old Chantry -	19	Chirney, George B.	Alderson, Charles
Newcastle-under-Lyme.	17,506	1853	King Street -	21	Lewis, Thomas -	Knight, J. Guy

* The Report of the Registrar of the National Art Training School at South Kensington is given at p. 509.

Schools of Art—continued.

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of Art Grade Certificates obtained.	Local Expenditure on account of Art Examples. £ s. d.	Local Prizes.
Burchett, E. S., 1, 6, 6a.	Day, 5s., 10s., and 15s. per month; evening, 2s. 6d. and 3s. 6d. per month. and 2s. 6d. entrance fee.	117	144	—	—	142 11 4	—
Black, Francis, 1, 2.	Day, 7s. 6d. per month, and 3s. entrance; evening, 3s. per month, and 2s. entrance.	15	204	—	—	—	Small prizes.
Spain, J. H., 1, 6	Day, 10s. per month, and 3s. entrance; evening, 3s. per month, and 3s. entrance.	32	47	—	—	4 10 0	—
Nightingale, L.C., 1, 2, 3; Dennis, H. J., 1, 6a, 6b.	Day, 10s. 6d. per month; evening, 5s., and 2s. 6d., per month, and 2s. 6d. entrance.	180	495	6*	—	3 5 0	—
Swinstead, Charles, 1, 6a.; Swinstead, Charles, H., 1.	Day, 15s. to 42s. per quarter, and 2s. 6d. entrance; evening, 7s. 6d. to 21s. per quarter, and 2s. 6d. entrance.	104	139	—	1	—	Small prizes and scholarships.
Parker, John, 1, 2, 3, 6a; Mason, Alfred, W., 1.	Evening, 2s. 6d., 3s. 6d., 5s., 6s., and 7s. per month, and 2s. 6d. and 5s. ent.	—	186	4	—	10 0 10	—
Black, Francis, 1, 2; Busk, W. 1.	Day, 5s. to 10s. per session, evening, 2s. 6d. and 3s. 6d. per month, and 2s. entrance.	82	90	1	—	4 12 6	—
Taylor, Harriet, 1.	Day, 10s. 6d., 7s., 5s., 3s. 6d., or 2s. 6d. per month; evening, 5s., 3s. 6d., 2s. 6d., or 2s. per month.	65	64	—	—	7 12 6	Small prizes.
Rawle, Jno. S., 1, 2, 3, 6a, 6b; Simpson, Geo. G., 1.	Day, 20s., 27s., 40s., 55s., 64s., 70s. and 75s. per qr., and 5s. entrance; evening, 12s. 6d., 15s., 16s., 18s. and 25s. per qr., and 2s. 6d. entrance.	189	326	9	—	54 4 11	Small money prizes.
Brown, Fredk., 1, 2, 3.	Day, 3s. and 5s. per month; evening, 2s. per month, and 2s. 6d. entrance.	34	90	3	—	5 3 6	—
Watson, John W., 1.	Day, 15s. per session; evening, 5s. 6d. per session.	12	60				5/ 5s. in prizes.
Watson, James, 1.	Day, 15s. 6d. per session; evening, 5s. per session.	11	60				—
Bacon, J. P., 1, 6a.	Day, [illegible] evening, 5s. per session.	10	85				Small prizes

* Two students obtained a National Scholarship.
* Two students obtained National Scholarships.

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

Town.	Population in 1881.	Date of Establishment.	Where situate	No. of Members of Committee.	Chairman.	Secretary.
Newcastle-on-Tyne.	145,228	1878	Corporation St.	13	Rutherford, J. H.	Blakey, James
" "		1844	Library Place, Westgate Road.	16	Watson, Henry, J.P.	Leathart, James, J.P.
" "		1880	Mechanics' Institute, New Bridge Street.	13	Gregson, Alderman.	Vinycomb, R. K.
Newport (Mon.)	35,382	1875	Albert Hall Chambers.	19	Wood, Jno.	Johns, Robt. H.
Northampton	57,553	1871	Abington Square	11	Adkins, W., J.P.	Hensman, J. B.
Norwich	87,843	1846	Free Library, St. Andrew's, Broad Street.	5	Morgan, John B.	Barwell, Henry G.
Nottingham	111,631	1843	Waverley Street	13	Birkin, T. J., J.P.	Goodyer, Henry A.
Oxford	40,862	1865	University Galleries, Beaumont Street.	11	Liddell, The Very Rev. H. G., D.D.	Gamlen, W. B., M.A.
Penzance	11,684	1853	Morrab Road	21	Boase, F.	Quance, R.
Perth	28,948	1863	Rose Terrace	24	Barclay, Hugh, LL.D.	Martin, Patrick
Peterborough	21,219	1882	Minster Precincts	14	Argles, Rev. Canon.	Townsend, H. M.
Plymouth	77,401	1876	York Street	12	Bate, C. Spence, F.R.S.	Briggs, Colonel
Plymouth Young Men's Christ. Assoc.		1879	Association Buildings, Bank Street.	20		
Poole	12,303	1880	High Street	33	Lawson, Rev. J. A.	Miller, H.
Portsmouth	127,953	1870	Pembroke Road	21	Grant, Rev. E. P.	Long, George

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance.		No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples.	Local Prizes.
		Day Classes.	Evening Classes.			£ s. d.	
Moore, Joseph, 1; Lineham, W. J., 1.	Day, 7*s.* 6*d.* per month; evening, 2*s.* 6*d.* to 12*s.* per session.	325	190	2	—	12 10 0	25*l.* in books, &c.
Way, W. C., 1, 2, 6a, 6b.; Stubbs, Woodhouse, 1.	Day, 30*s.*, 21*s.*, 15*s.*, and 12*s.* 6*d.* per quarter; evening, 7*s.* and 6*s.* per qr., & 2*s.* 6*d.* per month.	95	133	—	—	13 1 0	10*l.* in money and books.
Watson, James, 1.	Day or evening, 7*s.* 6*d.* per session.	10	50	—	—	—	Small prizes.
Bush, William, 1	Day, 5*s.* per month; evening, 2*s.* and 3*s.* 6*d.* per month.	13	91	—	—	—	Silver and bronze medals.
Hill, Henry, 1, 4	Day, 4*s.* 4*d.* per month; even., 1*s.*7*d.* and 2*s.* per month.	28	167	—	—	9 16 0	A bronze medal and small prizes.
Cochrane, Robert, 1, 2, 6a.	Day, 15*s.* and 30*s.* per session, 5*s.* and 2*s.* 6*d.* entrance; evening, 7*s.* 6*d.* per session, or 2*s.* per month, and 1*s.* entrance.	70	105	—	—	—	—
Dalgleish, Theodore L., 1, 2, 3.	Day, 10*s.*, 20*s.*, 21*s.*, 25*s.*, and 30*s.* per session, 5*s.* per month; evening, 4*s.*, 6*s.*, 12*s.*, and 15*s.* per session, 2*s.* and 3*s.* per month.	151	447	8	—	7 7 0	Silver medal and other prizes.
Macdonald, Alex., 1, 2, 3, 6a, 6b; Price, Benjamin H., 1.	Day, 10*s.*, 7*s.* 6*d.*, and 5*s.* per term; evening, 7*s.* 6*d.* and 3*s.* per quarter.	28	73	—	—	—	Small prizes.
Geoffroi, H. M., 1.	Day, 28*s.* per term; evening, 14*s.* and 3*s.* 6*d.* per term.	35	83	—	—	5 0 0	—
Black, F. M., 1	Day, included in general school fee; evening, 4*s.* and 6*s.* per quarter.	164	46	—	—	0 13 0	Small prizes.
Worthington, Edward, 1.	Day, 15*s.* per session; evening, 6*s.* 8*d.* per session.	13	14	—	—	2 12 9	—
Babb, Henry R., 1.	Day, 10*s.* 6*d.*, 7*s.*, and 5*s.* per month; evening, 5*s.* and 1*s.*8*d.* per month.	103	112	—	—	230 0 0	—
Evans, Godfrey H., 1.	Day, 63*s.* per session; evening, 15*s.* per session.	9	48	1	—	—	—
Gill, E. R., 1, 2, 6	Day, 63*s.* and 42*s.* per year; evening, 21*s.* and 10*s.* 6*d.* per year.	30	58	—	—	—	13*l.* in small sums.
Carter, James, 1, 2, 3, 6a.	Day, 21*s.* and 15*s.* per quarter, and 5*s.* and 3*s.* entrance; evening, 2*s.* per month.	117	131	—	—	6 2 2	5*l.* in books.

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Preston - -	93,707	1860	Avenham Lane -	22	Edelston, Thos.	Croft, Charles -
Reading - -	42,050	1860	Valpy Street -	31	Wells, Edward, M.D.	Messer, John -
Redditch - -	9,964	1872	Unicorn Hill -	13	Bartleet, R. S., J.P., D.L.	Mathews, E. -
Rotherham -	34,782	1874	Howard Street -	15	Wright, Geo. -	Willis, G. B. -
Ryde - - -	11,422	1871	George Street -	12	Barrow, Benjamin, J.P.	Jones, R. J. Cornewall.
St. Alban's - -	10,930	1881	Victoria Street -	30	Toulmin, H. J., J.P.	Gibbs, A. E. -
Salisbury - -	15,659	1865	Hamilton Hall, New Street.	35	The Very Rev. the Dean.	Wilton, Wm. J.
Selby - - -	6,033	1872	New Lane - -	21	Staniland, Wm., C.E.	Atkinson, J. T. -
Sheffield - -	284,410	1843	Arundel Street -	15	Withers, J. B. M.	Wightman, Arthur.
Shipley - -	15,089	1870	Victoria Road, Saltaire.	12	Salt, Titus -	Fry, William -
Shrewsbury -	26,478	1855	Vaughan's Mansion, College Hill.	15	Lloyd, Rev. T. B., M.A.	Tasker, James -
Sleaford - -	4,967	1879	Duke Street -	12	Yerburgh, Rev. R.	Kirk, Charles -
Southampton -	60,235	1855	Hartley Inst., High Street.	16	Le Fevre, J. E., J.P.	Phippard, C. B.
„ -		1872	Philharmonic Hall, above Bar Street.	16	Lacy, Major-Gen.	Passenger, G. M., J.P.
South Shields -	56,922	1881	The Academy, Smithy Street.	12	McClelland, Sylvester M.	Davidson, James O.

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples. £ s. d.	Local Prizes.
McNaught, Alex., 1; Moore, Mary, 1; Oakey, Edith, 1.	Day, 50*s.* and 60*s.* per term; evening, 7*s.* 6*d.* per quarter, or 20*s.* per term.	36	56	—	—	—	—
Havell, Charles R., 1.	Day, 6*s.* and 8*s.* 4*d.* per month; evening, 2*s.* and 4*s.* per month, and in some cases 2*s.* entrnc. fee.	34	138	—	—	31 14 7	15*l.* in prizes.
Dickinson, Henry D., 1; Coates, Wm. A., 1.	Day, 10*s.* per session; evening, 2*s.* 6*d.*, 4*s.*, and 5*s.* per session.	10	61	—	—	—	Small prizes.
Illston, Geo. A., 1	Day, 15*s.* or 21*s.* per session; evening, 5*s.*, 7*s.*, and 10*s.* per session.	11	70	5	—	15 0 0	14*l.* 14*s.* in money prizes.
Cox, Wm., 1 -	Day, 21*s.* per quarter; evening, 2*s.* per month.	73	84	—	—	3 10 0	—
Puckett, R. C., Ph.D., 1, 2, 3, 4, 5, 6a.	Day, 28*s.* per session; evening, 5*s.* 3*d.* per session.	15	34	—	—	35 0 0	—
Harris, Joseph, 1, 2.	Day, 10*s.* per month, 42*s.* per session, and 63*s.* per year; evening, 5*s.* 3*d.*, 10*s.* 6*d.*, and 15*s.* per session, and 1*s.* and 2*s.* entrance.	42	68	5	1	—	25*l.* 11*s.* 6*d.* in small prizes.
Windass, John, 1	Day, 25*s.*, 20*s.*, and 12*s.* 6*d.* per session; even., 7*s.* 6*d.* per sess.	24	37	1	—	3 11 5	Small money prizes amounting to 9*l.* 11*s.*
Cock, J. T., 1, 2 -	Day, 30*s.* per session; evening, 7*s.*, 12*s.* 6*d.*, 15*s.*, and 22*s.* 6*d.* per session.	90	227	14	—	100 14 3	One medal, and money prizes amounting to 56*l.* 15*s.*
Renard, Edward, 1, 2, 6.	Day, 14*s.* or 21*s.* per session; evening, 2*s.* 6*d.* or 3*s.* 6*d.*, per session.	6	60	1	—	29 4 11	20*l.* in small prizes.
Cortissos, Charles, 1, 4, 6b.	Day, 21*s.*, per session, and 5*s.* entrance; evening, 10*s.* and 5*s.* per session, and 5*s.* entrance (to the 10*s.* class).	37	143	—	—	1 7 6	4 small prizes.
Wedd, Mary, 1 -	Day, 14*s.*, 21*s.*, 42*s.*, per term; evening, 14*s.* per term.	51	15	—	—	7 3 11	Small prizes.
Langman, A. W. F., 1, 2, 6.	Day, 21*s.* per term, or 10*s.* per month; evening, 7*s.* 6*d.* per session or 2*s.* per month.	42	150	1	—	—	1 silver and 1 bronze medal and small book prizes.
Charbonnier, T., 1, 6a.	Day, 12*s.* to 42*s.* per session; evening, 6*s.* and 12*s.* per sess.	101	89	—	—	—	Small prizes.
Smith, John, 1 -	Day, 6*s.* 6*d.*, 12*s.* 6*d.*, and 21*s.* per quarter, and 2*s.* 6*d.* and 4*s.* entrance fee; evening, 4*s.* 6*d.* per quarter, and 1*s.* 6*d.* entrance fee.	18	41	—	—	12 15 8	—

Appendix D.

SCHOOLS OF ART.

Summary of the Reports of

Town.	Population in 1881.	Date of Establishment.	Where situate.	No. of Members of Committee.	Chairman.	Secretary.
Warminster -	5,640	1861	High Street -	13	Phillipps, Rev. Sir James E., Bart.	Mundy, Geo. B.
Warrington -	45,257	1853	Museum Buildings, Bold St.	16	Rylands, John, J.P.	Owen, Wm. -
Waterford - -	29,979	1881	Savings Bank, King Street.	21	Bolton, Charles N., J.P.	White, John N.
Watford - -	10,073	1874	Public Library, Queen Street.	11	Slinn, E. J. -	Iles, F. H. Wilson, M.D.
Weymouth -	13,704	1877	The Mart, Maiden Street.	21	Howard, R. N. -	Arden, C. F. -
Winchester -	17,469	1870	High Street -	16	Coles, W. -	Phillips, C. B. -
Wolverhampton	164,303	1854	Darlington St. -	16	Loveridge, Henry, J.P.	Mander, S. T., B.A.
Worcester -	40,421	1851	Pierpoint St. -	15	Binns, R. W. -	Day, Harry -
Yarmouth (Great)	46,211	1857	South Quay -	27	Woolverton, Charles.	Burton, Frank -
York - - -	59,596	1842	Minster Yard	21	North, S. W., M.R.C.S.	Wigglesworth, R.
„ - - -		1880	Low Ousegate -	17	Holtby, John	Penty, Walter G.

Schools of Art—*continued.*

Teachers, and the Art Certificates they have obtained.	Rate of Fees.	Attendance. Day Classes.	Attendance. Evening Classes.	No. of Free Studentships obtained.	No. of 3rd Grade Certificates obtained.	Local Expenditure on account of Art Examples. £ s. d.	Local Prizes.
Harris, Joseph, 1, 2.	Day, 30*s.* per session, and 2*s.* 6*d.* entrance; evening, 1*s.*, 2*s.*, and 3*s.* per month, and 1*s.* 6*d.* entrance.	18	22	—	—	—	4*l.* 4*s.* in prizes.
Thompson, J. C., 1, 2.	Day, 42*s.*, 31*s.* 6*d.*, 21*s.* and 12*s.* 6*d.* per quarter, and 2*s.* and 3*s.* per month; evening, 2*s.* and 3*s.* per month.	80	52	—	—	—	Small prizes.
Murphy, Samuel J., 1.	Day, 21*s.* per session; evening, 10*s.* 6*d.* per session.	12	22	—	—	—	5*l.* in prizes.
Puckett, R. C., Ph.D., 1, 2, 3, 4, 5, 6a.	Day, 28*s.* and 21*s.* per session; evening, 5*s.* 3*d.* per session.	47	35	—	—	1 5 0	—
Baker, Thomas, 1, 2, 6b.	Day, 35*s.* per term, and 7*s.* 6*d.* and 5*s.* entrance; evening, 15*s.* and 7*s.* 6*d.* per term, and 2*s.* 6*d.* entrance.	56	38	—	—	—	5*l.* 5*s.* 0*d.* in small prizes.
Roberts, W. T. B., 1, 6.	Day, 26*s.* 8*d.*, 20*s.*, and 16*s.* 8*d.* per session; evening, 13*s.* 4*d.*, 6*s.* 8*d.*, and 2*s.* per session.	62	89	—	—	4 11 4	—
Gunn, Archibald, 1, 6a, 6b.	Day, 5*s.* 3*d.* and 2*s.* 6*d.* per month; evening, 1*s.* 3*d.* and 1*s.* 10*d.* per month.	74	183	2	—	—	20*l.* in small prizes.
Hodder, Albert, 1, 2.	Day, 21*s.*, 15*s.*, and 10*s.* 6*d.* per quarter, 5*s.* and 2*s.* 6*d.* entrance; evening, 5*s.* and 3*s.* per quarter; and 2*s.* entrance.	50	88	2*	—	12 0 0	20*l.* in prizes.
Ryan, James F., 1, 6a.	Day, 42*s.*, 27*s.* 6*d.*, 13*s.* 9*d.* per session, and 5*s.* entrance; evening, 25*s.*, 12*s.* 6*d.*, and 10*s.* 6*d.* per session, 2*s.* 6*d.* per month, and 1*s.* and 5*s.* entrance.	43	79	3	—	4 7 1	Small prizes.
Kean, J. A., 1, 2, 3, 6.	Day, 31*s.* 6*d.* per session; evening, 21*s.*, 10*s.* 6*d.*, or 5*s.* per session.	69	113	—	1	—	21 prizes in values from 5*s.* to 21*s.*
Windass, John, 1.	Day, 12*s.* 6*d.*, 21*s.*, and 31*s.* 6*d.* per session; even., 5*s.* per sess.	35	93	1	—	40 11 0	6*l.* 5*s.* in small prizes.

* One student obtained a National Scholarship.

8. Results of Examinations of Schools of Art throughout the United Kingdom, in connexion with the Science and Art Department of the Committee of Council on Education, 1882. (Table F.)

School.	Date of Establishment.	No. of Students taught in 1882.	2nd Grade Examination.			Local Advanced Examination.			3rd Grade Examination.				National Competition.			
			No. of Students examined.	No. of Students successful.	No. of Students who obtained Prizes.	No. of Candidates' Papers examined.	No. of Candidates' Papers marked successful.	No. of Candidates' Papers for which Prizes were awarded.	No. of Students who sent up Works.	No. of Works sent up.	No. of Artisans on whom Payments were made.	No. of Students to whom Prizes were awarded.	Queen's Prizes.			
													Gold Medals.	Silver Medals.	Bronze Medals.	Book Prizes.
Aberdeen	1853	304	104	54	15	4	3	—	249	2,276	249	9	—	—	—	—
Andover	1854	67	32	9	1	1	—	—	44	397	43	—	—	—	—	—
Barnsley	1874	101	38	23	3	1	1	—	69	910	68	2	—	—	—	—
Barnstaple	1877	148	69	32	10	1	—	—	92	704	92	4	—	—	—	—
Barrow-in-Furness	1874	146	51	28	13	3	—	—	117	1,604	116	2	—	—	—	—
Bath	1854	217	91	34	6	—	—	—	94	674	92	1	—	—	—	—
Bedford	1881	104	18	12	8	2	2	—	6	200	5	1	—	—	—	—
Belfast	1870	435	141	70	13	16	4	—	186	1,277	169	9	—	—	—	—
Berwick-on-Tweed	1873	79	37	15	8	20	7	1	66	1,315	62	6	—	—	—	—
Bideford	1875	90	35	18	4	—	—	—	52	583	50	1	—	—	—	—
Birkenhead	1855	235	83	49	20	11	9	2	181	1,737	139	16	—	—	2	2
With Branch on— The Holt, Tranmere	1881		41	16	2	—	—	—	121	623	112	5	—	—	—	—
Birmingham	1842		186	149	41	59	19	3	435	3,772	313	69	—	4	3	11
With Branches at— Jenkins St. Bd. S.	1879		22	19	8	—	—	—	49	629	49	—	—	—	—	—
Moseley Road „	1876		31	24	9	—	—	—	92	829	86	—	—	—	—	—
Osler St. „	1876	1434	34	25	9	—	—	—	63	761	62	1	—	—	—	—
Smith St. „	1876		69	41	11	—	—	—	151	1,388	142	—	—	—	—	—
King Edward's S.	1876		41	23	4	—	—	—	188	4,249	186	—	—	—	—	—
Bristol Street S..	1876		55	38	10	—	—	—	136	1,757	133	—	—	—	—	—
Bolton	1876	328	123	51	21	—	—	—	287	3,966	287	—	—	—	—	—
Boston	1860	104	33	16	5	5	2	—	31	193	25	1	—	—	—	—
Bournemouth	1881	147	38	14	6	—	—	—	132	661	47	1	—	—	—	—
Bradford, Mec. Inst.	1871	258	79	33	3	—	—	—	163	939	144	5	—	—	—	—
„ Gram. Sch.	1874	265	132	48	11	—	—	—	99	1,883	87	12	—	1	1	1
„ Ch. Inst.	1874	145	69	21	7	—	—	—	167	713	102	—	—	—	—	—
Bridport	1865	77	29	11	2	3	1	1	77	593	70	1	—	—	—	—
Brighton	1858	457	134	96	39	19	11	1	359	2,922	213	20	—	—	1	4
With Branch at— Haddington St. Bd.	1880								19	82	16	—	—	—	—	—
Bristol	1853	383	148	114	39	30	13	3	160	2,955	139	25	—	—	1	3
Bromley (Kent)	1878	135	39	23	9	1	—	—	44	646	28	1	—	—	—	—
Bromsgrove	1860	89	29	12	2	—	—	—	50	667	50	—	—	—	—	—
Burnley	1879	175	66	16	3	—	—	—	127	949	125	2	—	—	—	—
Burslem	1869	265	103	34	1	3	1	—	142	923	142	8	—	—	1	2
Burton-on-Trent	1881	85	47	18	4	—	—	—	60	785	60	4	—	—	—	—
Cambridge	1858	82	28	13	2	—	—	—	57	328	35	—	—	—	—	—
Cardiff	1868	157	87	30	7	4	—	—	108	1,894	103	1	—	—	—	—
Carlisle	1854	171	55	21	3	—	—	—	80	511	79	—	—	—	—	—
Carmarthen	1854	96	37	13	1	—	—	—	50	479	49	—	—	—	—	—
Carnarvon	1853	58	25	12	3	—	—	—	7	232	7	—	—	—	—	—
Cheltenham	1852	167	38	17	6	—	—	—	111	777	82	3	—	—	—	—
Chester	1853	100	40	26	7	1	—	—	82	360	78	4	—	—	—	—
Chesterfield	1879	81	46	18	5	6	1	—	57	766	50	2	—	—	—	—
Cirencester	1860	136	23	12	2	—	—	—	64	287	60	2	—	—	1	1
Clonmel	1854	53	19	9	1	—	—	—	23	126	20	1	—	—	—	—
Coalbrookdale	1856	123	42	16	3	2	2	1	94	1,111	94	8	1	1	—	2
Cork	1854	267	68	35	8	9	5	—	169	668	131	7	—	—	—	2
Coventry	1844	183	52	21	4	1	—	—	87	539	80	14	—	—	1	3

Results of Examinations—*continued.*

School.	Date of Establishment.	No. of Students taught in 1882.	2nd Grade Examination.			Local Advanced Examination.			3rd Grade Examination.				National Competition.			
			No. of Students examined.	No. of Students successful.	No. of Students who obtained Prizes.	No. of Candidates' Papers examined.	No. of Candidates' Papers marked successful.	No. of Candidates' Papers for which Prizes were awarded.	No. of Students who sent up Works.	No. of Works sent up.	No. of Artisans on whom Payments were made.	No. of Students to whom Prizes were awarded.	Queen's Prizes. Gold Medals.	Silver Medals.	Bronze Medals.	Book Prizes.
Croydon	1868	227	60	50	23	1	1	—	107	1,685	56	1	—	—	—	—
Darlington	1857	128	56	22	5	3	3	—	88	516	78	2	—	—	—	—
Derby	1870	422	191	83	24	27	6	—	309	3,632	297	12	—	—	1	—
Devizes	1864	82	50	35	15	7	1	—	58	577	51	2	—	—	—	—
Devonport	1875	103	39	20	7	—	—	—	99	604	99	1	—	—	—	—
Dollar	1875	117	25	7	1	1	1	—	30	81	29	—	—	—	—	—
Doncaster	1877	78	25	11	3	—	—	—	56	438	38	—	—	—	—	—
Dorchester	1867	71	33	12	—	—	—	—	52	261	36	1	—	—	—	—
Dover	1870	227	68	20	6	4	2	1	119	2,176	103	7	—	—	—	3
Dublin Metropolitn.	1849	465	149	65	16	19	6	1	355	1,775	197	20	—	2	—	1
Dublin Queen's Institute.	1869	109	21	10	2	3	—	—	51	427	50	1	—	—	—	—
Dudley	1853	175	54	20	6	—	—	—	111	1,102	95	8	—	—	1	2
Dumfries	1874	186	20	13	2	—	—	—	17	74	17	—	—	—	—	—
Dundee	1856	763	247	82	17	24	12	2	246	894	236	14	—	—	1	—
Durham	1853	194	46	21	2	9	4	—	72	576	72	3	—	—	—	1
Edinburgh (Male)	1858	798	160	127	61	16	10	4	406	3,661	382	48	1	—	3	11
" (Female)	1858		100	74	20	9	1	—	142	548	75	12	—	—	—	—
Elgin	1876	111	65	28	7	2	—	—	77	562	73	1	—	—	—	1
Exeter	1854	260	111	56	12	3	1	—	197	943	174	3	—	—	—	—
Falkirk	1878	93	41	16	4	2	—	—	61	701	58	1	—	—	—	—
Farnham	1870	46	12	6	1	—	—	—	25	157	18	1	—	—	—	—
Frome	1865	70	17	10	5	—	—	—	26	150	25	—	—	—	—	—
Glasgow	1842		266	169	76	12	3	—	608	4,725	592	34	—	2	3	7
With Branches at—	1877															
Buchanan Inst.			11	5	3	—	—	—	79	638	77	3	—	—	—	—
Pollokshields		830														
Public School.			11	5	1	—	—	—	21	179	21	—	—	—	—	—
Govan Pub. Sch.			7	2	—	—	—	—								
Partick Pub. Sch.			—	—	—	—	—	—								
Gloucester	1859	205	59	30	10	3	1	—	103	684	80	11	1	—	1	2
Gosport	1880	71	32	4	—	—	—	—	35	344	30	—	—	—	—	—
Halifax	1859	127	71	32	5	2	—	—	114	1,199	103	10	—	—	—	2
Hanley	1847	298	126	44	7	21	7	—	211	1,578	204	7	—	1	—	2
Hartlepool (West)	1874	117	30	12	—	—	—	—	78	548	78	—	—	—	—	—
Hastings and St. Leonards.	1875	222	49	30	12	2	2	—	168	2,611	102	3	—	—	1	—
Hertford	1881	76	22	8	1	—	—	—	40	456	15	2	—	—	—	—
Huddersfield	1872	256	98	34	6	—	—	—	242	1,911	241	4	—	1	—	1
Hull	1861	233	89	47	15	7	—	—	156	955	127	10	—	2	—	1
Ilkley	1881	125	57	32	4	—	—	—	48	573	39	6	—	1	1	1
Inverness	1865	97	37	10	1	2	1	—	45	451	45	1	—	—	1	—
Ipswich	1858	227	128	45	12	3	1	—	194	2,100	180	3	—	—	—	—
Keighley	1870	243	151	57	13	2	2	—	243	5,386	237	1	—	—	—	—
Kendal	1870	56	22	10	1	—	—	—	54	557	46	1	—	—	—	1
Keswick	1877	45	10	2	—	—	—	—	37	341	35	—	—	—	—	—
Kidderminster	1872	200	73	28	2	4	2	—	166	1,774	143	29	1	—	2	—
Kilmarnock	1867	146	34	22	8	2	—	—	118	861	91	8	—	—	1	2
Lancaster	1856	194	65	26	9	3	1	—	126	707	108	2	—	—	—	—
Leamington	1866	143	46	13	3	4	1	—	47	1,166	41	1	—	—	—	1
Leeds	1847	660	197	82	15	19	1	—	505	3,327	496	8	—	—	—	1
Leicester, Hastings Street.	1870	288	91	52	12	9	4	—	209	1,413	188	23	—	3	2	2
" (Wyggeston's Hospital.)	1880	312	165	38	8	4	2	1	274	3,319	224	1	—	—	—	1
Lewes	1868	105	25	17	5	—	—	—	74	687	57	—	—	—	—	—
Limerick	1852	105	22	7	1	1	—	—	43	262	43	—	—	—	—	—
Lincoln	1863	205	51	14	3	—	—	—	127	1,076	98	14	—	—	—	4
Liskeard	1879	27	14	12	4	—	—	—	21	467	21	—	—	—	—	—
Liverpool, South Dist., Mount St.	1855	362	232	102	16	7	—	—	353	1,726	276	10	—	1	—	1
Liverpool, N. Dist., Liverpool College.	1855	422	121	40	2	—	—	—	59	271	59	—	—	—	—	—
Londonderry	1875	121	81	26	3	4	2	—	88	653	64	1	—	—	—	—

Results of Examinations—*continued.*

School.	Date of Establishment.	No. of Students taught in 1882.	2nd Grade Examination.			Local Advanced Examination.			3rd Grade Examination.				National Competition. Queen's Prizes.			
			No. of Students examined.	No. of Students successful.	No. of Students who obtained Prizes.	No. of Candidates' Papers examined.	No. of Candidates' Papers marked successful.	No. of Candidates' Papers for which Prizes were awarded.	No. of Students who sent up Works.	No. of Works sent up.	No. of Artisans on whom Payments were made.	No. of Students to whom Prizes were awarded.	Gold Medals.	Silver Medals.	Bronze Medal	Book Prizes.
Lowestoft	1882	32	8	5	1	—	—	—	17	89	17	—	—	—	—	—
Macclesfield	1851	171	65	38	10	8	1	—	125	1,430	123	16	1	1	4	7
Manchester, Cavendish Street.	1842	421	82	49	16	9	2	—	388	2,944 14,148	310	25	1	—	2	6
Manchester, Grammar School.	1869	1076	561	242	39	7	2	—	462		431	21	—	—	—	—
Manchester, Longsight Mech. Inst.	1878	34	12	6	1	—	—	—	34	173	23	1	—	—	—	—
Manchester, M. I.	1880	317	53	21	7	5	1	—	317	3,325	317	1	—	—	—	—
Mansfield	1876	77	35	9	4	—	—	—	45	465	42	1	—	—	—	—
Metropolitan :—																
Blackheath, Lee, and Lewisham.	1880	167	54	31	8	—	—	—	87	657	44	1	—	—	—	—
Blackheath Hill	1880	167	54	28	7	—	—	—	61	663	43	—	—	—	—	—
Bloomsbury	1842	182	58	48	27	5	1	1	169	3,012	161	37	1	2	2	6
Chiswick	1881	261	74	39	12	—	—	—	76	332	57	—	—	—	—	—
City and Spitalfields.	1842	158	55	35	10	1	—	—	158	1,123	146	4	—	—	—	—
Islington	1873	79	20	8	4	—	—	—	47	536	35	2	—	—	—	—
Lambeth *With Branch at* Kennington Park Road.	1862	775	174 31	115 26	49 9	33 —	11 —	1 —	286	3,537	284	31	1	7	10	10
North London (Kingsland.)	1868	243	100	62	22	17	8	—	184	3,850	170	18	—	—	—	—
St. Martin's	1854	186	54	32	11	11	6	1	97	851	96	7	—	—	—	1
St. Thomas', Charterhouse.	1853	172	74	25	4	—	—	—	139	1,316	137	2	—	—	1	—
South Kensington	1854	728	97	66	24	—	—	—	230	750	—	84	*1	6	11	17
Stratford	1872	129	77	44	13	—	—	—	86	700	86	1	—	—	—	—
West London	1862	523	137	87	23	38	20	1	418	3,908	415	38	—	2	5	8
Westminster, Royal Arch. Mus.	1875	124	20	15	7	—	—	—	35	249	28	8	—	1	2	2
Middlesbrough	1873	68	23	6	1	4	—	—	36	303	35	1	—	—	—	—
Morpeth	1870	51	22	9	1	—	—	—	39	386	36	—	—	—	—	—
Newcastle-under-Lyme.	1853	195	35	17	5	—	—	—	61	375	61	1	—	—	—	—
Newcastle-on-Tyne, Corporation St.	1878	522	264	102	25	6	1	—	400	6,724	392	4	—	—	—	—
Newcastle-on-Tyne, Library Place.	1844	224	53	24	9	—	—	—	146	1,601	144	9	—	—	1	—
Newcastle-on-Tyne New Bridge St. M. I.	1880	60	24	17	8	1	1	—	47	474	47	—	—	—	—	—
Newport (Mon.)	1875	106	49	17	4	6	1	—	50	2,186	50	2	—	—	—	—
Northampton	1871	195	57	17	4	4	2	—	104	594	100	2	—	—	—	—
Norwich	1846	175	50	26	12	1	1	—	84	568	71	1	—	—	1	—
Nottingham	1843	598	203	103	30	29	12	2	424	4,161	383	60	1	2	6	6
Oxford	1865	101	37	16	6	—	—	—	62	545	62	2	—	—	—	—
Penzance	1853	118	47	20	2	4	1	1	67	622	60	—	—	—	—	—
Perth	1863	210	55	25	4	—	—	—	102	1,069	89	11	—	—	—	—
Plymouth, Courtenay Street.	1876	215	59	21	2	—	—	—	180	1,074	178	1	—	—	—	—
Plymouth, Young Men's Chris. Assoc.	1879	57	13	10	—	—	—	—	42	941	42	1	—	—	—	—
Poole	1880	86	28	12	5	—	—	—	73	669	59	—	—	—	—	—
Portsmouth	1870	248	68	27	7	—	—	—	98	477	85	3	—	—	—	—
Preston	1860	92	40	12	1	1	—	—	91	639	65	3	—	—	—	—
Reading	1860	172	†71	†32	†6	—	—	—	100	1,061	95	2	—	—	—	—
Redditch	1872	71	38	21	7	—	—	—	38	507	38	—	—	—	—	—
Rotherham	1874	81	35	23	5	4	4	1	50	288	49	6	—	—	1	3

* Students in the Training Class for Art Masters neither take 3rd Grade Prizes nor compete in the *National* Competition with Local Schools, but have gained honorary awards of:—2 gold, 8 silver, and *20 bronze medals*, together with 24 book prizes.

† *Includes supplementary* examination in June.

Results of Examinations—*continued.*

School.	Date of Establishment.	No. of Students taught in 1882.	2nd Grade Examination.			Local Advanced Examination.			3rd Grade Examination.				National Competition. Queen's Prizes.			
			No. of Students examined.	No. of Students successful.	No. of Students who obtained Prizes.	No. of Candidates' Papers examined.	No. of Candidates' Papers marked successful.	No. of Candidates' Papers for which Prizes were awarded.	No. of Students who sent up Works.	No. of Works sent up.	No. of Artisans on whom Payments were made.	No. of Students to whom Prizes were awarded.	Gold Medals.	Silver Medals.	Bronze Medals.	Book Prizes.
. . .	1871	157	33	12	4	1	1	—	125	505	101	4	—	—	1	—
lban's . .	1881	45	22	9	2	—	—	—	26	408	23	—	—	—	—	—
bury . .	1865	110	40	22	11	8	2	—	100	1,387	93	9	—	—	1	2
. . .	1872	63	25	13	2	3	1	—	51	297	50	4	—	1	—	1
ield . .	1843	350	174	95	31	8	2	—	286	2,347	280	23	—	1	4	9
ley . .	1870	230	105	23	3	2	1	—	123	781	121	2	—	—	—	—
wsbury . .	1855	180	42	20	4	—	—	—	81	626	76	2	—	—	—	1
ord . .	1879	66	22	8	—	1	—	—	25	212	15	—	—	—	—	—
ıampton, rtley Inst.	1854	192	71	39	13	9	3	—	117	1,236	110	3	—	—	—	—
ıampton, Philrmonic Hall.	1872	190	31	5	2	5	2	1	80	873	73	2	—	—	—	—
ı Shields .	1881	59	28	9	2	2	—	—	43	373	43	—	—	—	—	—
ord . .	1873	101	17	7	1	3	—	—	43	302	40	1	—	—	—	—
ng . .	1857	181	121	21	4	—	—	—	175	2,715	135	—	—	—	—	—
-on-Trent .	1847	235	42	16	3	—	—	—	87	523	87	3	—	—	1	1
bridge . .	1851	132	47	6	1	1	1	1	90	805	89	2	—	—	—	—
d . . .	1861	148	33	13	4	1	—	—	56	769	55	3	—	—	—	1
erland . .	1869	106	38	18	4	4	3	—	77	819	73	9	—	—	1	—
sea . .	1853	110	51	16	3	—	—	—	64	1,081	64	—	—	—	—	—
ton . .	1856	87	34	11	5	—	—	—	87	408	63	2	—	—	—	1
tock . .	1854	105	12	5	1	2	1	—	33	64	31	1	—	—	—	—
uay . .	1879	162	58	29	6	3	1	—	82	586	81	—	—	—	—	—
bridge . .	1864	43	14	9	2	—	—	—	29	98	28	—	—	—	—	—
. . .	1853	102	24	19	2	2	—	—	39	387	37	—	—	—	—	—
field . .	1868	178	74	25	6	—	—	—	115	764	115	3	—	—	—	1
all . . .	1870	82	9	5	—	—	—	—	50	216	48	—	—	—	—	—
ninster . .	1861	40	20	9	2	—	—	—	23	208	22	—	—	—	—	—
ington . .	1853	141	49	17	4	4	1	—	119	1,447	86	3	—	—	—	—
rford . .	1881	34	21	9	1	—	—	—	22	49	15	—	—	—	—	—
ord . .	1874	82	39	16	3	—	—	—	37	693	36	—	—	—	—	—
mouth . .	1877	94	41	8	3	1	1	—	61	316	43	2	—	—	1	1
hester . .	1870	151	44	20	5	—	—	—	67	766	63	2	—	—	—	1
erhampton .	1854	257	65	35	13	5	1	—	85	409	68	8	—	—	1	3
ester . .	1851	138	56	24	7	3	1	—	95	475	84	15	—	—	—	1
outh (Great)	1857	122	57	22	6	14	5	1	104	1,265	103	12	—	—	3	2
(Minster Yd.)	1842	184	49	22	7	4	—	—	153	620	111	3	—	1	—	—
Inst. Low segate.	1880	130	42	11	2	1	1	1	79	381	79	1	—	—	—	—
s for 1882, Schools and Branches .	—	33,729	11,716	5,501	1517	724	262	33	21291	211748	18,745	1,105	10	41	94	170
s for 1881, Schools and Branches .	—	31,592	11,994	4,521	1180	676	332	61	19940	197048	17,361	1,312	13	52	113	174
s for 1880, Schools and Branches .	—	30,239	10,949	6,022	1934	689	377	73	19338	170383	16,642	1,098	13	43	73	154
s for 1879, Schools and ranches .	—	29,191	10,784	4,868	1401	732	302	56	18689	157566	15,987	1,165	10	45	77	172
s for 1878, Schools and ranches .	—	29,415	10,081	4,889	1517	802	248	35	18234	144373	15,277	1,001	8	39	74	131
s for 1877, Schools and Branches .	—	29,414	11,936	4,692	1392	732	240	44	18131	138199	15,192	896	13	37	65	129
s for 1876, Schools .	—	27,973	9,553	4,789	1137	—	—	—	17069	122553	13,789	1,400	10	34	69	99
s for 1875, Schools .	—	26,538	10,202	4,530	1123	—	—	—	14894	101366	12,072	1,755	10	35	74	79
s for 1874, Schools .	—	24,138	10,265	5,190	1480	—	—	—	13306	92,058	10,328	1,213	9	28	63	100
s for 1873, Schools .	—	23,368	9,904	4,630	1448	—	—	—	13132	90,589	9,823	1,159	10	34	73	95

9. TABLE (G.) showing the TOTAL AMOUNTS of the FEES paid by the STUDENTS, of the LOCAL SUBSCRIPTIONS, of the INCOME of the SCHOOLS, and of the AID granted to SCHOOLS of ART by the Department in 1882, exclusive of the Cost of Circulation of Loans of Art Objects, Books, Pictures, &c.

School of Art.	Fees paid				Amount of Subscriptions, &c. received.	Total Income of School, including Payments on Results.	Payments by Department on Results.	Aid towards Purchase of Examples and Fittings.	Cost of Prizes.	Total Aid by Department.
		Schools of Art.								
	By Private Schools.	By Morning Classes.	By Evening Classes.	Total Fees.						
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Aberdeen	—	138 14 0	107 17 7	246 11 7	—	432 10 1	185 18 6	—	20 7 9	206 6 3
Andover	9 9 0	41 12 0	28 6 0	79 7 0	5 0 0	126 14 0	42 7 0	—	0 10 5	42 17 5
Barnsley	—	22 0 6	48 0 6	70 1 0	44 0 0	173 6 6	59 5 6	—	4 7 0	63 12 6
Barnstaple	—	38 1 8	29 9 6	67 11 2	5 11 6	155 17 8	82 15 0	—	9 4 6	91 19 6
Barrow-in-Furness	—	27 6 3	63 14 6	91 0 9	75 16 0	269 10 3	102 13 6	1 6 1	11 1 11	115 1 6
Bath	21 0 0	153 0 2	69 4 6	243 4 8	11 10 0	325 5 8	70 11 0	4 3 8	2 13 3	77 7 11
Bedford	—	75 16 6	1 1 0	76 17 6	—	93 19 2	17 1 8	—	6 8 4	23 10 0
Belfast	—	338 15 0	141 19 6	480 14 6	268 11 1	892 8 8	143 3 1	0 17 10	17 7 9	161 8 8
Berwick-on-Tweed	—	36 2 0	42 6 0	78 8 0	—	163 1 0	84 13 0	—	12 12 3	97 5 3
Bideford	—	25 0 0	43 2 9	68 2 9	—	118 0 9	49 18 0	16 14 10	2 15 8	69 8 6
Birkenhead	—	277 17 0	103 10 6	381 7 6	178 6 1	695 0 1	135 6 6	1 15 9	36 17 10	310 11 6
With branch at—										
The Holt, Tranmere	—	16 19 0	78 2 6	95 1 6	97 13 0	259 18 0	67 3 6*	69 7 11		
Birmingham	—	592 1 8	255 10 10	847 12 6	723 11 8	2,084 2 5	512 18 3*	45 6 11	119 12 0	677 17 2
With branches at—										
Jenkins St., Bd. Sch.	—	—	19 4 0	19 4 0	—	49 0 0	29 16 0	—	4 7 7	34 3 7
Moseley Road	—	—	32 18 0	32 18 0	—	70 8 6	37 10 6	—	5 16 7	43 7 1
Osler Street	—	—	29 8 0	29 8 0	—	70 14 0	41 6 0	—	6 12 3	47 18 3
Smith Street	—	—	59 18 0	59 18 0	—	124 17 6	64 19 6	—	7 11 3	72 10 9
King Edward's Sch.	—	380 0 0	—	380 0 0	—	446 2 0	66 2 0	—	2 0 9	68 2 9
Bristol Street Sch.	—	—	43 10 0	43 10 0	—	108 5 0	64 15 0	—	6 6 7	71 1 7
Bolton	—	74 1 3	33 15 6	107 16 9	25 0 0	308 9 9	175 13 6	—	13 8 3	189 1 3
Boston	—	91 12 6	29 8 6	121 1 0	5 0 0	169 10 6	43 9 6	0 9 4	3 3 8	47 2 6
Bournemouth	—	338 11 0	14 14 6	353 5 6	50 0 0	403 5 6	Lapsed.	—	—	—
Bradford (Mech. Inst.)	—	135 4 0	83 1 0	218 5 0	12 13 0	359 5 6	128 7 6	—	6 2 3	134 9 9
„ (Gram. Sch.)	—	152 0 0	7 5 0	159 5 0	—	232 7 6	73 2 6	—	21 17 11	95 0 5
„ (Ch. Inst.)	—	38 0 3	20 4 8	58 4 11	—	145 3 5	86 18 6	—	4 1 5	90 19 11
Bridport	—	46 17 9	28 11 1	75 8 10	—	138 8 10	63 0 0	—	3 2 6	66 2 6
Brighton	—	592 11 6	206 10 0	799 1 6	84 13 0	1,076 18 6	193 4 0	7 12 11	36 8 0	237 4 11
With branch at—										
Haddington St. Bd. Sch.	—	—	25 4 0	25 4 0	—	32 19 8	7 15 0*	—	1 3 0	8 18 0

Bristol	—			551	11	0	219	1	0	770	12	0	55	18	0	1,057	19	6	231	9	6	—			59	7	10	290	17	4
Bromley (Kent)	—			154	13	6	34	18	6	189	12	0	67	12	6	289	4	0	31	19	6	—			4	19	6	36	19	0
Bromsgrove	—			44	16	8	20	18	0	65	14	8	23	4	6	138	14	8	49	15	6	—			1	3	2	50	18	8
Burnley	—			17	10	6	42	6	6	59	17	0	—			153	6	0	93	9	0	6	7	5	2	17	6	102	13	11
Burslem	—			40	18	6	105	4	6	146	3	0	72	4	0	362	4	2	143	17	2	13	9	7	7	19	7	165	6	4
Burton-on-Trent	—			36	0	0	34	17	6	70	17	6	—			142	16	0	71	18	6	—			6	10	8	78	9	2
Cambridge	—			69	5	0	26	11	0	95	16	0	44	5	7	185	10	7	45	9	0	—			1	4	5	46	13	5
Canterbury	—			66	10	0	23	10	0	90	0	0	50	0	0	140	0	0	[*New school*]			19	8	11	—			19	8	11
Cardiff	—			28	12	0	100	2	4	128	14	4	—			241	9	4	112	15	9	—			3	15	11	116	10	11
Carlisle	—			65	0	0	62	17	0	127	17	0	24	8	0	217	3	3	64	18	3	—			1	15	11	66	14	2
Carmarthen	—			20	1	9	28	3	0	48	4	9	37	12	0	132	3	3	46	6	6	2	5	5	0	11	8	49	3	7
Carnarvon	—	10	0	0	5	1	0	16	8	0	31	9	0	14	0	0	69	6	0	23	17	0	—			2	14	10	26	11	10
Cheltenham	—				227	3	9	49	12	0	276	15	9	1	1	0	349	0	3	71	3	6	6	9	5	3	19	4	81	12	3
Chester	—				51	14	0	73	15	0	125	9	0	48	4	6	250	1	6	76	8	0	—			5	4	11	81	12	11
Chesterfield	—				77	12	6	54	16	6	132	9	0	63	9	6	263	15	0	67	16	6	—			4	8	3	72	4	9
Cirencester	—				53	9	6	33	10	0	86	19	6	—			157	0	6	70	1	0	1	11	2	2	2	2	73	14	4
Clonmel	—				20	11	9	20	4	3	40	16	0	—			61	2	6	20	6	6	—			1	11	3	21	17	9
Coalbrookdale	—				20	14	6	77	5	0	97	19	6	15	0	0	212	2	0	99	2	6	—			32	16	10	131	19	4
Cork	—				209	0	0	72	5	0	281	5	0	172	0	0	560	19	8	109	14	8	3	9	0	11	16	2	124	19	10
Coventry	—				95	18	0	79	16	9	175	14	9	146	14	9	448	11	6	122	2	0	—			16	12	1	138	14	1
Croydon	—				453	8	6	54	6	6	507	15	0	13	1	3	599	7	9	78	11	6	2	5	8	13	12	5	94	9	7
Darlington	—	95	0	0	114	3	6	51	8	6	260	12	0	60	17	6	392	15	0	71	5	6	2	5	8	6	18	9	80	9	11
Derby	—				211	17	6	180	7	0	392	4	6	22	1	8	661	12	5	247	6	3	—			24	1	1	271	7	4
Devizes	—	45	14	0	115	12	6	21	10	0	180	16	6	27	14	0	281	15	6	73	5	0*	7	6	3	11	18	5	92	9	8
Devonport	—				69	12	6	52	6	0	121	18	6	—			192	19	6	71	1	0	—			4	6	8	75	7	8
Dollar	—				—†			2	5	6	2	5	6	—			33	12	6	31	7	0	—			0	11	6	31	18	6
Doncaster	—				45	11	6	23	9	6	69	1	0	27	13	10	124	11	10	27	17	0	—			1	14	8	29	11	8
Dorchester	—				66	3	9	16	5	0	82	8	9	16	0	0	130	0	9	31	12	0	—			0	12	1	32	4	1
Dover	—				225	2	0	56	11	6	281	13	6	60	6	0	455	12	0	113	12	6	—			11	15	6	125	8	0
Dublin (Metropolitan)	—				373	1	6	97	10	6	470	12	0	—			605	6	0‡	134	14	0	—			37	17	3	172	11	3‡
„ (Queen's Inst.)	—				77	11	6	—			77	11	6	—			126	0	6	48	9	0	—			2	13	10	51	2	10
Dudley	—				78	3	0	102	12	0	180	15	0	65	17	6	326	17	6	80	5	0	7	0	9	9	5	0	96	10	9
Dumfries	—				81	15	6	24	17	0	106	12	6	35	0	0	161	17	6	20	5	0	—			1	3	0	21	8	0
Dundee	—				554	8	4	78	8	0	632	16	4	—			833	9	6	200	13	2	0	9	9	32	10	6	233	13	5
Durham	—				141	0	3	64	2	0	205	2	3	18	17	6	300	3	3	76	3	6	—			2	13	1	78	16	7
Edinburgh (Male)	—				239	2	6	299	2	6	538	5	0	150	0	0	1,055	18	5	387	13	5	—			103	11	11	471	5	4
„ (Female)	—				569	12	6	51	7	6	621	0	0	134	2	2	843	10	8	88	8	6	1	13	9	19	13	0	109	15	3
Elgin	—	29	5	0	25	19	6	36	0	0	91	4	6	—			165	10	6	74	6	0	1	4	7	5	8	1	80	18	8
Exeter	—				185	16	0	188	12	0	374	8	0	2	1	0	512	4	0	135	15	0	6	13	0	8	7	6	150	15	6
Falkirk	—	141	0	0	45	9	6	54	9	8	240	19	2	—			290	10	2	49	11	0	—			3	2	11	52	13	11
Farnham	—	18	18	0	73	0	6	4	11	0	96	9	6	15	0	0	135	16	0	24	6	6	—			1	1	3	25	7	9
Frome	—				45	0	0	24	14	0	69	14	0	15	0	0	103	6	6	18	12	6	—			2	10	0	21	2	6
Glasgow	—				876	12	0	397	0	0	1,273	12	0	945	1	4	2,728	16	11	510	3	7	110	4	7	84	15	10	705	4	0
With branches at—																															
Buchanan Inst.	—				—			73	10	10	73	10	10	—			123	10	4	49	19	6*	—			4	5	7	54	5	1

* Includes payments for Annual Reports in 1881 from Branch Classes.
† The fees of students of the Day Classes are included in the general school fee of the Dollar Institution.
‡ Exclusive of Parliamentary Vote.

Table (G.) showing the Total Amounts of the Fees paid by Students—*cont.*

School of Art.	Fees paid				Amount of Subscriptions, &c. received.	Total Income of School, including payments on results.	Payments by Department on Results.	Aid towards Purchase of Examples and Fittings.	Cost of Prizes.	Total Aid by Department.
	By Private Schools.	Schools of Art. By Morning Classes.	Schools of Art. By Evening Classes.	Total Fees.						
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Glasgow—*cont.*										
Pollokshields Pub. Sch.	—	—	13 4 6	13 4 6	—	37 7 2	9 19 6	—	0 2 10	10 2 4
Govan Pub. Sch.	—	—	7 15 0	7 15 0	—					
Partick Pub. Sch.	—	—	6 8 2	6 8 2	—					
Helensburgh	—	49 18 3	—	49 18 3	196 5 11	246 4 2	—	—	—	—
Gloucester	—	254 2 0	69 14 0	323 16 0	—	428 19 10	105 3 10	1 14 2	36 14 7	143 12 7
Gosport	—	29 11 6	31 15 6	61 7 0	14 5 0	100 18 6	25 6 6	—	—	25 6 6
Halifax	—	81 16 0	78 9 6	160 5 6	35 0 0	301 0 0	105 14 6	5 16 2	11 19 9	123 10 5
Hanley	—	11 2 0	114 3 0	125 5 0	172 0 6	485 10 6	188 5 0	0 10 0	12 17 10	201 12 10
Hartlepool (West)	—	27 2 6	51 10 4	78 12 10	16 3 7	149 9 5	54 13 0	2 5 2	—	56 18 2
Hastings and St. Leonards.	—	202 18 0	105 9 0	308 7 0	33 10 0	439 16 0	97 19 0	15 0 0	8 7 4	121 6 4
Hertford	—	83 19 3	27 19 9	111 19 0	10 0 0	143 11 0	21 12 0	25 4 10	1 13 2	48 10 0
Huddersfield	—	138 15 3	56 5 0	195 0 3	21 0 0	357 2 3	141 2 0	1 4 5	11 7 10	153 14 3
Hull	—	242 9 2	59 17 8	302 6 10	—	435 10 10	133 4 0	0 4 3	18 5 10	151 14 1
Ilkley	—	84 3 3	27 4 9	111 8 0	30 0 0	183 7 0	41 19 0	—	13 16 3	55 15 3
Inverness	—	13 14 6	9 15 6	23 10 0	—	76 14 0	53 4 0	—	1 10 10	54 14 10
Ipswich	10 0 0	122 4 6	63 7 0	195 11 6	—	330 17 0	135 5 6	—	10 14 9	146 0 3
Keighley	—	44 0 0	76 19 7	120 19 7	—	311 19 7	191 0 0	24 19 6	8 1 5	224 0 11
Kendal	—	39 10 0	40 6 0	79 16 0	30 0 0	163 5 6	53 9 6	—	3 2 8	56 12 2
Keswick	—	6 0 0	23 6 6	29 6 6	12 3 11	61 11 5	20 1 0	—	—	20 1 0
Kidderminster	50 0 0	89 9 4	55 16 0	195 5 4	96 8 0	480 17 10	189 4 6	—	45 12 6	234 17 0
Kilmarnock	—	54 17 10	37 17 8	92 15 6	—	175 1 6	82 6 0	—	12 16 5	95 2 5
Lancaster	—	74 6 6	49 5 8	123 12 2	—	196 8 2	72 16 0	0 5 11	6 2 0	79 3 11
Leamington	—	103 7 9	28 13 0	132 0 9	—	189 19 9	57 19 0	—	3 11 0	61 10 0
Leeds	—	271 19 6	113 19 0	385 18 6	16 13 0	676 4 0	273 12 6	2 8 2	15 14 6	291 15 2
Leicester, Hastings St.	—	214 16 6	113 16 3	328 12 9	86 15 8	608 3 5	192 15 0	—	36 7 11	229 2 11
„ Wyggeston's Hospital.	—	70 0 0	3 5 0	73 5 0	—	176 19 0	103 14 0	—	7 1 9	110 15 9
Lewes	—	110 1 6	31 2 0	141 3 6	19 2 6	223 8 0	63 2 0	0 6 9	2 9 3	65 18 0
Limerick	—	109 9 6	8 15 0	118 4 6	—	143 2 6	24 18 0	—	Lapsed.	24 18 0
Lincoln	—	136 10 0	88 19 0	225 0 0	31 10 10	355 15 4	99 4 6	—	13 4 2	112 8 8
Liskeard	—	18 0 0	18 5 3	36 5 3	—	78 1 3	41 16 0	—	2 13 1	44 9 1
Liverpool, S. Dist. (Mount Street).	180 0 0	426 19 6	154 3 6	761 3 0	—	972 14 0	211 11 0	—	17 7 11	228 18 11

| | | |

Table (G.) showing the Total Amounts of the Fees paid by Students—*cont.*

School of Art.	Fees paid				Amount of Subscriptions, &c. received.	Total Income of School, including Payments on Results.	Payments by Department on Results.	Aid towards Purchase of Examples and Fittings.	Cost of Prizes.	Total Aid by Department.
	By Private Schools.	Schools of Art. By Morning Classes.	Schools of Art. By Evening Classes.	Total Fees.						
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Nottingham	26 0 0	263 19 0	343 1 6	633 0 6	260 17 6	1,230 0 10	336 2 10	6 15 0	86 4 6	429 2 4
Oxford	—	20 0 0	23 19 6	43 19 6	24 18 9	121 6 9	52 8 6	—	4 14 7	57 3 1
Penzance	20 0 0	81 14 6	45 3 0	146 17 6	20 0 0	238 11 0	71 13 6	—	2 5 5	73 18 11
Perth	—	260 0 0	23 12 3	283 12 3	—	365 14 1	82 1 10	—	12 2 2	94 4 0
Peterborough	—	9 15 0	4 13 4	14 8 4	—	14 8 4	—	—	—	—
Plymouth (Courtenay Street).	—	200 15 0	62 7 6	263 2 6	—	353 2 0	89 19 6	—	1 11 0	91 10 6
„ (Young Men's Chris. Assoc.).	—	28 7 0	25 10 6	53 17 6	—	108 14 6	54 17 0	1 18 8	0 19 0	57 14 8
Poole	—	45 15 0	24 3 6	69 18 6	10 16 9	134 16 9	54 1 6	—	2 6 0	56 7 6
Portsmouth	—	239 17 1	63 8 6	303 5 7	31 18 0	426 4 7	91 1 0	2 3 4	5 16 4	99 0 8
Preston	—	59 5 4	36 17 5	96 2 9	—	151 18 3	55 15 6	—	1 16 10	57 12 4
Reading	—	59 14 9	71 16 0	131 10 9	30 0 0	207 5 3	105 14 6	—	5 11 5	111 5 11
Redditch	—	13 2 0	23 0 0	36 2 0	28 4 10	114 11 10	59 5 0	—	3 13 4	53 18 4
Rotherham	—	15 13 6	34 10 0	50 3 6	39 17 0	176 8 6	86 8 0	2 5 0	10 2 8	98 15 8
Ryde	—	121 5 0	32 10 0	153 15 0	45 0 0	259 3 0	60 8 0	—	6 3 3	66 11 3
St. Alban's	—	24 14 0	11 10 0	36 4 0	13 0 0	67 16 0	18 12 0	24 4 10	0 16 6	43 13 4
Salisbury	—	91 15 0	48 10 6	140 5 6	49 9 6	317 4 0	127 9 0	—	18 1 5	145 10 5
Selby	—	40 1 3	23 13 3	63 14 6	20 14 0	148 14 8	64 6 2	0 5 11	7 9 11	72 2 0
Sheffield	—	177 11 0	203 5 3	380 16 3	397 14 5	1,090 13 1	312 2 5	0 14 7	59 13 1	372 10 1
Shipley	—	14 0 0	18 18 6	32 18 6	100 0 0	233 3 0	100 4 6	—	2 17 0	103 1 6
Shrewsbury	—	90 17 6	106 7 6	197 5 0	78 3 6	335 3 0	59 14 6	0 13 9	3 17 6	64 5 9
Sleaford	—	90 19 0	26 12 0	117 11 0	37 12 0	174 15 3	19 12 3	1 11 4	—	21 3 7
Southampton (Hartley Inst.).	—	58 8 7	50 10 0	108 18 7	—	222 7 1	113 8 6	5 0 11	11 10 10	130 0 3
Southampton (Philharmonic Hall).	—	121 3 0	37 5 6	158 8 6	26 0 0	269 11 0	85 2 6	7 18 9	3 7 5	96 8 8
South Shields	—	26 15 9	20 9 6	47 5 3	—	84 6 9	37 1 6	12 3 7	1 4 5	50 9 6
Stafford	—	50 9 9	34 6 6	84 16 3	25 14 0	156 7 9	45 17 6	10 10 0	1 14 6	58 2 0
Stirling	—	138 5 0	18 11 0	156 16 0	—	224 5 6	67 9 6	2 18 10	2 5 3	72 13 7
Stoke-upon-Trent	—	4 0 0	82 9 0	86 9 0	115 6 0	303 5 0	101 10 0	6 10 3	8 13 7	116 13 10
Stourbridge	—	22 19 1	84 4 0	107 3 1	98 4 11	263 14 6	58 6 6	3 17 11	1 15 1	63 19 6
Strond	—	89 5 4	37 17 7	127 2 11	—	179 4 11	52 2 0	0 2 1	5 15 8	57 19 9
Sunderland	—	110 4 0	33 17 11	144 1 11	30 0 0	204 18 5	90 16 6	—	9 19 11	100 16 5

Swansea	7 10 0	71 6 0	22 13 6	101 9 6	10 0 0	165 1 0	53 11 6	—	2 6 7	55 18 1
Taunton	—	104 9 0	65 9 10	169 18 10	11 3 0	224 0 10	42 19 0	0 14 4	4 1 10	47 15 2
Tavistock	—	—	—	—	—	22 15 0	22 15 0	—	1 14 0	24 9 0
Torquay	—	112 0 6	40 18 0	152 18 6	69 9 0	291 13 6	69 6 0	0 9 6	3 5 5	73 0 11
Trowbridge	—	32 15 0	16 11 6	49 6 6	14 17 0	85 0 0	20 16 6	—	1 2 0	21 18 6
Truro	65 0 0	87 9 0	18 18 0	171 7 0	10 0 0	224 16 0	43 9 0	—	Lapsed.	43 9 0
Wakefield	—	106 12 0	56 16 6	163 8 6	17 6 6	278 11 6	97 16 6	—	6 13 3	104 9 9
Walsall	—	23 19 0	51 7 6	75 6 6	25 0 0	122 8 6	22 2 0	7 17 10	—	29 19 10
Warminster	—	48 19 0	13 14 6	62 13 6	5 5 0	86 4 6	18 6 0	—	0 14 4	19 0 4
Warrington	—	250 7 9	41 16 3	292 4 0	23 10 0	410 2 0	94 8 0	—	3 17 10	98 5 10
Waterford	—	29 11 0	23 12 0	53 3 0	23 0 0	84 7 0	8 4 0	—	0 6 0	8 10 0
Watford	—	128 4 0	16 0 0	144 4 0	0 13 0	172 7 0	27 16 0	2 14 1	1 14 11	31 19 0
Weymouth	—	73 2 3	48 18 6	122 0 9	44 17 0	220 13 9	53 16 0	—	4 11 10	58 7 10
Winchester	—	95 6 0	48 17 2	144 3 2	—	201 6 2	57 3 0	2 0 4	6 6 5	65 9 9
Wolverhampton	70 8 0	161 8 6	107 0 0	338 16 6	159 15 6	573 4 0	74 12 0	—	15 12 3	90 4 3
Worcester	—	102 7 6	45 7 9	147 15 3	137 10 0	401 10 9	116 5 6	—	18 0 2	134 5 8
Yarmouth (Great)	25 10 0	85 8 6	52 9 3	163 7 9	60 10 0	374 6 9	150 9 0	3 14 4	16 7 7	170 10 11
York, Minster Yard	—	117 4 11	56 9 0	173 13 11	58 0 6	318 16 11	87 2 6	1 14 2	7 9 7	96 6 3
„ Inst., Low Ousegate.	—	41 19 0	32 13 0	74 12 0	6 5 0	141 13 0	60 16 0	2 6 1	2 19 11	66 2 0
Totals for 1882	1,014 2 0	26,609 1 0	11,575 5 0	39,198 8 0	7,998 11 11	64,175 19 5	16,978 19 6	742 6 6	2,472 12 2	20,193 18 2
„ 1881	1,118 6 6	24,105 8 5	10,229 0 10	35,452 15 9	8,405 6 9	60,273 8 5	16,415 5 11	613 18 10	2,453 5 2	19,482 9 11
„ 1880	1,826 19 4	24,069 14 4	10,570 8 8	36,467 2 4	8,387 1 6	61,945 13 9	17,091 9 11	454 0 4	2,865 0 6	20,410 10 9
„ 1879	1,526 16 6	23,099 2 3	10,401 2 5	35,027 1 2	6,515 4 5	56,691 15 10	15,207 7 3	514 0 8	1,795 12 9	17,517 0 8
„ 1878	1,439 8 4	22,882 7 4	10,292 7 9	34,630 13 5	6,783 2 0	56,256 5 6	14,859 0 1	1,016 19 3	1,891 14 4	17,767 13 8
„ 1877	1,490 13 0	22,821 16 4	11,634 3 4	35,346 12 8	6,376 1 11	56,695 14 3	14,972 19 8	1,050 16 6	1,476 16 0	17,500 12 2
„ 1876	1,816 10 3	20,872 18 9	10,658 16 9	33,348 5 9	6,565 18 1	55,748 6 4	15,834 2 6	639 11 7	1,779 9 10	18,253 3 11
								Not reported separately previous to 1876.		
„ 1875	1,719 4 3	18,328 2 7	9,720 6 2	30,338 17 8	Not reported separately previous to 1876.	49,446 4 7	14,541 15 0	2,658 10 5		17,200 5 5
„ 1874	2,037 12 11	16,054 18 10	9,033 6 4	27,213 11 7		44,968 1 0	12,617 8 11	2,464 5 5		15,082 4 4
„ 1873	1,868 10 3	15,143 3 6	8,915 15 7	26,392 19 1		44,669 1 6	13,593 11 4	2,584 8 3		16,177 10 10

10. TABLE (H.) showing the NUMBER of PERSONS receiving INSTRUCTION in ART, or in ELEMENTARY DRAWING, in the Years 1857 to 1882, from TEACHERS holding DRAWING CERTIFICATES granted by the SCIENCE AND ART DEPARTMENT.

	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.
1. Elementary Day Schools	30,802	65,465	67,490	74,267	76,303	71,423	79,845	94,083	86,967	80,084	79,411	93,713	120,928
2. Training Colleges for Elementary School Teachers*	—	—	—	—	—	—	—	—	—	—	—	2,035	2,101
3. Art Classes	—	—	—	—	—	—	—	—	—	1,140	2,553	4,571	9,322
4. Provincial and Metropolitan Schools of Art, including the National Art Training School at South Kensington.	11,016	11,931	15,096	12,651	13,360	13,863	15,019	15,527	15,702	18,139	17,341	18,474	19,864
5. Art Teachers in Training and National Scholars at South Kensington	71	62	64	68	50	59	52	42	39	37	44	53	41
6. Grammar Schools and other Schools examined but not aided by Grants†	—	—	—	—	—	—	—	—	—	4,219	4,529	4,716	4,951
7. Teachers and Pupil-teachers‡	1,323	2,012	2,322	2,495	2,123	2,044	1,461	1,028	919	1,049	1,651	—	—
Totals	43,212	79,470	84,972	89,481	91,836	87,389	96,377	110,680	103,627	104,668	105,529	123,562	157,207

continued.

	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.
1. Elementary Day Schools	147,243	166,456	194,549	237,733	290,425	387,640	460,961	541,039	660,531	725,129	768,661	850,563	842,100
2. Training Colleges for Elementary School Teachers*	2,418	2,676	3,105	3,419	3,475	3,653	3,685	3,714	3,775	3,698	3,568	3,501	3,454
3. Art Classes	12,119	16,140	17,256	20,352	21,851	25,359	31,158	29,579	27,152	29,393	26,646	23,026	21,215
4. Provincial and Metropolitan Schools of Art, including the National Art Training School at South Kensington.	20,290	21,155	22,854	23,368	24,138	26,538	27,973	29,414	29,415	29,191	30,239	31,592	33,729
5. Art Teachers in Training and National Scholars at South Kensington	59	62	61	56	59	59	52	55	52	52	54	49	55
6. Grammar Schools and other Schools examined but not aided by Grants	5,787	6,012	6,309	5,248	5,434	6,440	6,583	6,819	6,949	7,981	8,140	8,370	8,663
Totals	187,916	212,501	244,134	290,176	345,382	449,689	530,412	610,620	727,874	795,444	837,308	917,101	909,216

* Students in these colleges were examined in 1867 and previous years, but payments in aid of their instruction were first made under the regulations of the Science and Art Department in 1868.

† Previous to 1866, included under head No. 1.

‡ Since 1868, Teachers and Pupil-teachers have been instructed in Schools of Art, Art Classes, and Elementary Day Schools, and are included in the numbers given under those heads.

11. TABLE I.—RETURN showing the TOTAL AMOUNT of AID granted to SCHOOLS AND CLASSES on account of INSTRUCTION IN DRAWING, 1881–2.

Appendix D. GRANT TO SCHOOLS OF ART.

——	1. Direct Payments.	2. Aid towards Cost of Examples and Fittings.	3. Cost of Prizes.	4. Total Aid.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Elementary day schools (*see* p. 418).	31,304 5 0	150 6 4	3,594 4 5	35,048 15 9
Training colleges under inspection (*see* p. 420).	1,188 10 0	9 12 9	376 18 6	1,575 1 3
Art classes (*see* p. 433)	4,980 9 11	203 8 6	656 6 7	5,840 5 0
Works of Science classes (*see* p. 440).	1,824 18 5	—	77 5 5	1,902 3 10
Schools of Art (*see* p. 481).	16,978 19 6	742 6 6	2,472 12 2	20,193 18 2
Students in training and National Scholars at South Kensington.	2,500 6 10	—	—	2,500 6 10
Schools not entitled to receive payments on results (*see* p. 444).	—	—	293 19 8	293 19 8
Grand totals for 1882 -	58,777 9 8	1,105 14 1	7,471 6 9	67,354 10 6
„ „ 1881 -	58,610 3 7	1,246 6 6	7,076 11 8	66,933 1 9
„ „ 1880 -	72,370 8 5	1,092 2 6	9,820 6 6	83,282 17 5
„ „ 1879 -	60,852 14 3	1,237 5 10	7,333 8 6	69,423 8 7
„ „ 1878 -	54,789 3 7	2,489 17 6	6,440 14 6	63,719 15 7
„ „ 1877 -	53,700 16 3	2,611 3 8	6,372 6 0	62,684 5 11

Appendix D.

REPORT OF EXAMINERS ON COMPETITION FOR NATIONAL MEDALS.

12. REPORT on the NATIONAL COMPETITION of SCHOOLS OF ART, 1882, and OBSERVATIONS on the EXERCISES worked at the LOCAL ADVANCED ART EXAMINATION of 1882.

The number of Drawings sent up from Schools of Art for examination was 211,748 from 169 Schools of Art and 13 Branch Classes. Of these 1,313 were referred to the National Competition, being 95 more than in 1881, when the number was 1,218.

Those Works only were exhibited in respect of which Medals or Queen's Prizes of Books had been awarded.

REPORT.

FIRST DAY'S EXAMINATION, 6TH JUNE.—DRAWING FROM THE ANTIQUE AND FROM LIFE, AND MODELLING THE FIGURE.

EXAMINERS:

E. J. Poynter, Esq., R.A.
J. E. Boehm, Esq., R.A.
W. F. Yeames, Esq., R.A.
T. Armstrong, Esq., Director for Art.
H. A. Bowler, Esq., Assistant Director for Art.

The Gold Medal for the Antique was obtained by a drawing from Manchester of great merit, shown in the application of careful work without excessive labour, in which a thoroughly complete result was obtained.

The award was not made with a view to the encouragement of the particular method of execution employed, but on account of the really excellent qualities of drawing and finish; it being understood that high finish on a foundation of good drawing, and without waste of time spent on misapplied labour, is an essential of the best style.

A Bronze Medal was awarded to a drawing of the Clapping Faun, which, though in a broader style and less complete in execution, was generally correct in proportion and outline.

It is considered that it would be an advantage if the students who make drawings of the full length figure should in some way indicate the level of the eye; the doing so would in many cases assist them in avoiding errors of perspective in the treatment of their subjects, and put the Examiners in a better position to judge their work. The black and white studies of heads from the life were this year generally below the average of former years.

Much of the modelling work was very good; notably the full length figures from the life, and several heads, but some of the heads modelled from the Antique were altogether wanting in correctness of form: absolutely necessary for success in modelling.

Many models were sent up of considerable weight, which were far below the hope of a reward in the competition, and others so badly packed as to be too much injured for judgment. These errors should be avoided. Where the work sent up is of a very low standard the expenses may in future be disallowed.

SECOND DAY'S EXAMINATION, 7TH JUNE.—PAINTING IN MONOCHROME AND FROM THE LIFE.

EXAMINERS:

E. J. Poynter, Esq., R.A.
H. S. Marks, Esq., R.A.
The Director, and Assistant Director, for Art.

The Gold Medal was gained by a study of the Apollo Belvedere from the Edinburgh Male School of Art, painted with directness and simplicity, and of much clearness of tone.

A study from life, in water colour, of a girl seated in an armchair gained a Bronze Medal for careful drawing and attention to truth, both of character and tone; if the objects selected and the details throughout had not been so essentially ugly, and so badly arranged, this painting would no doubt have gained a higher award.

THIRD DAY'S EXAMINATION, 8TH JUNE.—ARCHITECTURE, DESIGNS FOR WALL DECORATION, AND MODELLING OF ORNAMENT.

EXAMINERS:

E. J. Poynter, Esq., R.A.
J. J. Stevenson, Esq.
Wm. Morris, Esq.
The Director, and Assistant Director, for Art.

The highest award made for architectural design was given to a student of the Leicester School, who sent a set of several practical drawings of a cottage hospital, showing skill in design ably directed to its object. Elaborate drawings, overcrowded with details, obtained lower distinctions, though prepared for more pretentious buildings. Some figure designs for decoration failed in proper expression of their intention for want of any indication of the mouldings which would surround them in their place in any scheme of decoration. It is suggested that, in future, no awards should be made for figure compositions unless in combination with a general decorative scheme. It is to be regretted that in certain schools the instruction should, apparently, be devoted exclusively to Gothic architecture. The orders of classic architecture being founded on strict and carefully studied principles of proportion, and with details studiously appropriated to their various features, are of the highest value as a basis for the study of design, and should on no account be neglected.

Some wall papers, which were fairly well designed as regards lines and spaces, failed for want of better colour.

FOURTH DAY'S EXAMINATION, 9TH JUNE.—DESIGNS FOR CARPETS AND SURFACE DECORATION.

EXAMINERS:

E. J. Poynter, Esq., R.A.
H. S. Marks, Esq., R.A.
Wm. Morris, Esq.
The Director, and Assistant Director, for Art.

Sufficient attention has not been given to the requisite difference of treatment of patterns for hangings and for flat surfaces. In many instances, notably from one school, patterns for fabrics were designed in the same colours and with precisely the same treatment as for wall

Appendix D. — Report of Examiners on Competition for National Medals.

papers: no allowance being made, either for the difference of material and the nature of the colours used, or for the different conditions under which the patterns must ultimately be displayed.

Among the successful works from Macclesfield a bronze medal was given to a silk hanging for good design and happy seizure of the characteristics of style, although the colour was less satisfactory.

Several rewards were given for designs to be executed in colour, in which the arrangement of lines and distribution of form were good, although changes in colour, such as could be made in execution, would be required to make them thoroughly successful.

Five designs for tapestry hangings from West London obtained a Silver Medal, being well designed and coloured, but wanting in clearness of definition, and without explanation of scale.

Fifth Day's Examination, 10th June.—Still Life Painting.

Examiners:

G. D. Leslie, Esq., R.A.
H. S. Marks, Esq., R.A.
W. F. Yeames, Esq., R.A.
The Director, and Assistant Director, for Art.

A Silver Medal was given to a work somewhat above the usual size from Ilkley—in which the treatment of diffused daylight was remarkably successful, so that in a wide space objects kept their places well, the student having encountered the difficulty of representing the relative positions of objects retiring from one another at considerable distances.

It appears to the Examiners that in some cases sprays of flowers so large have been chosen as to be impossible of execution while fresh even by accomplished painters. The student is thus tempted to finish his group after the flowers become drooping or faded.

In the studies for "tone" suggested in the last report, the intention of the Examiners has been somewhat misunderstood, the objects chosen having been placed generally in the same plane with one another, and with insufficient space between them and the background. The objects should be represented at various distances behind each other, retiring into the picture; the merit of the work consisting in the accuracy of the rendering of the relative tones between the near and distant objects, and their relief from each other and from the background.

Sixth Day's Examination, 13th June.—Mechanical Drawings and Drawings from Measurement.

Examiners:

Prof. Unwin.
The Director, and Assistant Director, for Art.

No set of drawings was submitted of the type of good working drawings of fairly complicated machinery, although drawing of this kind is likely to be more generally useful and involves more knowledge than highly finished shaded drawings of simple portions of machines.

The highest distinction in machine drawing, given for careful shading, was a bronze medal for works not reaching the standard attained in former years.

LOCAL ADVANCED EXAMINATIONS, 1882.

The following observations of the Examiners of the Local Advanced Examinations are added for the information of teachers :—

Anatomy.

The Examiner reports that many answers and drawings were unsatisfactory, and show defective instruction and a want of knowledge of the best books.

Architecture.

If students who are inadequately prepared could be prevented, or at least discouraged, from offering themselves for examination, the result would be beneficial, as students would be led to feel that an examination was a thing to work for, not to take on the bare chance of their possibly scraping through, as must have been done by some of those whose work has been looked over.

A great deal of bad drawing was found, and this even in cases where the replies in writing showed a fair, or even a good, knowledge of the subject.

Even where the drawing was fairly good, it conveyed the impression of having been almost in every case learnt from the flat only, and often without a thorough grasp of the subject.

If architectural students would produce freehand, pencil, or chalk outline from plaster casts of architectural foliage, and other ornaments, and of mouldings, so that the features of styles might be familiar to them, the Examiner is of opinion that very great benefit would result.

The drawing of the orders, which generally speaking was well, and in not a few cases admirably, done, may be excepted from the above remarks.

Perspective.

There seems to be a tendency amongst the candidates to cover the paper with the working lines, this only serves to confuse the drawing and can be of no use to the student when working out the problem.

The candidates often attempted to work out on the ground line in the picture plane problems which could be more easily arrived at, and with greater accuracy, on the plane of the feature required or close to it.

In the projection of shadows the Examiner notes that very few, if any, of the candidates commence by ascertaining the line of demarcation of light and shade on the object itself which throws the shadow, and some of them go so far as to obtain the shadows thrown by lines which are themselves entirely in the shade.

Appendix D.

STUDENTS REWARDED AT NATIONAL COMPETITION OF SCHOOLS OF ART.

13. List of Students rewarded at the National Competition, 1882.

Gold Medals.

Name.	School.	Stage.	Subject.
Alison, Thomas .	Edinburgh (Male) .	16 a.	Monochrome in oil of figure from the antique.
Doran, Thomas E. .	Macclesfield . .	23 c. (for 2)	Designs for silk hangings.
Evans, John Arthur	Gloucester . .	23 f.	Modelled capital and half of arch.
Gibbons, Francis .	Coalbrookdale . .	23 d.	Figure and arabesque design on vase.
Hitchens, Alfred .	South Kensington .	17 c.	Oil painting of the nude figure from life.
*Leavers, Lucy A. .	Nottingham . .	15 a.	Group in oil-colours.
Meine, James .	Kidderminster . .	23 c.	Design for an Axminster carpet.
†Nisbet, Ethel Chapman.	Bloomsbury . .	15 b. (for 2)	Groups in water-colours.
Nowell, Arthur T. .	Manchester (Cavendish Street).	8 b. 2.	Chalk drawing of figure from the antique.
Rogers, Mark .	Lambeth . . .	23 f. and 19 d.	Three modelled works of the head from life.

Silver Medals.

Name.	School.	Stage.	Subject.
Abraham, Lilian .	Bloomsbury . .	14 a.	Fruit and leaves, without background, in water-colours.
Baily, Alice . .	Dublin (Metropolitan)	23 c.	Design for embroidery.
Bayfield, Henry .	South Kensington .	22 d.	Studies of historic styles of ornament from objects in South Kensington Museum.
Brueton, Frederick	Birmingham . .	15 a.	Group in oil-colours.
Carnegie, Ida F. .	Dublin (Metropolitan)	15 b.	Group in water-colours.
Catlow, Walter A. .	Leicester . . .	23 b.	Set of designs for a cottage hospital—conservatory and stables.
Chrippes, Walter .	West London . .	23 c.	Designs for tapestry hanging.
Cole, Thomas W. .	South Kensington .	23 c.	Design for a plate in style of 15th century faience of Italy.
Connell, Mary .	Lambeth . . .	8 b. 2.	Chalk drawing of figure from antique.
Denley, Mary .	Lambeth . . .	23 c.	Design for a carpet and border.
Dressler, Conrad .	South Kensington .	19 e.	Modelled figure of the nude from life.
Dyson, Charles .	Macclesfield . .	23 c.	Design for a silk handkerchief.
Fall, George . .	York (Minster Yard)	8 b. 1	Chalk drawing of head from antique.
Fawcett, Emily .	South Kensington .	19 d.	Modelled head from life.
Ferris, Richard .	Glasgow . . .	23 f.	Modelled design for a panel.
Frampton, George .	Lambeth . . .	19 e.	Modelled figure of the nude from life.

* First Princess of Wales' Scholarship of 25*l*.
† Second do. do. of 15*l*.

Silver Medals—*continued.*

Name.	School.	Stage.	Subject.
Hagarty, Parker	Liverpool (South District).	15 a.	Group in oil-colours.
Hardy, William	Nottingham	23 c.	Design for needlepoint lace collar and cuffs.
Harral, Edmund	Huddersfield	23 c.	Design for wall paper.
Hils, Alfred E.	Hanley	23 f.	Modelled design in terra-cotta for a clock.
Langley, Walter	Birmingham	15 b.	Group in water-colours.
Linnell, Thomas	Leicester	23 c.	Design for tapestry hanging
Milner, Nelly	Lambeth	8 b. 2.	Chalk drawing of figure from antique.
Park, Alexander	Glasgow	23 c.	Design for a carpet.
Parkyns, Ada	South Kensington	8 b. 1.	Chalk drawing of head from antique.
Payton, E. W.	Birmingham	15 a.	Group in oil-colours.
Pearce, Arthur	Lambeth	8 b. 2.	Chalk drawing of figure from antique.
,,	Lambeth	8 c. 2.	Chalk drawing of figure from nude (2 studies).
Reason, Florence	Bloomsbury	8 b. 2.	Chalk drawing of figure from antique.
Savill, Edith	Lambeth	17 c.	Oil painting of the nude figure from life.
Sherriff, Annie	West London	8 b. 2.	Chalk drawing of figure from antique.
Smith, Thomas	Coalbrookdale	23 d.	Design for a sideboard recess.
Spooner, William J.	Nottingham	23 c.	Design for machine woven lace curtain.
Steeley, Frank	Birmingham	22 d.	Studies of historic styles of ornament from Aston Hall.
Stephenson, Charles	Ilkley	15 a.	Group in oil-colours.
Suddards, Frank	Bradford (Grammar School).	16 a.	Monochrome in water-colour of horse's head from the cast.
Sykes, John	Leicester	23 c.	Design for wall paper.
Treleaven, Thomas	Westminster (Royal Architec. Sch.).	23 e.	Modelled capital and half of arch.
Tyler, Harry G.	Sheffield	18 b.	Modelled base of column from the cast.
Ullathorne, Thomas S.	Selby	23 a.	Set of measured drawings of Selby Abbey.
Wilson, Mary	South Kensington	12 a.	Monochrome in water-colour of ornament from the cast.

BRONZE MEDALS.

Name.	School.	Stage.	Subject.
Abraham, Robert	Stoke-upon-Trent	8 c. 2.	Studies of the human figure from the nude.
Adams, Frank E.	Macclesfield	23 c.	Design for furniture silk.
,,	,,	23 c.	Design for silk hanging.
Albrow, Omar R.	Yarmouth (Great)	23 c.	Design for wrought-iron gates.
Almquist, Carl	West London	8 c. 2.	Chalk drawing of figure from the nude.
Amoore, A. E.	Hastings and St. Leonards.	16 a.	Monochrome in water-colour of figure from the cast.
Ayling, Robert	Westminster (Royal Architec. Museum).	23 c.	Design for wrought-iron gates.
Balfour, Andrew	Glasgow	23 b. (for set)	Design for a church.
Baumgartner, Persis	Yarmouth (Great)	23 c.	Designs for muslins.
Belshaw, Frank	Nottingham	15 a.	Group in oil-colours.
Betts, Jessie	Weymouth	14 a.	Flowers painted in water-colours without background.
Bulley, Georgina	South Kensington	21 a.	Time study of the head from nature, in clay.

Appendix D.

STUDENTS REWARDED AT NATIONAL COMPETITION OF SCHOOLS OF ART.

Bronze Medals—*continued.*

Name.	School.	Stage.	Subject.
Bircumshaw, Louis	Nottingham	23 c.	Design for wall decoration.
Bowler, Alice	Lambeth	8 b. 1.	Chalk drawing of head from the antique.
Carlill, S. B.	Hull	17 b.	Water-colour painting of the human figure draped.
Cartwright, Arthur	Macclesfield	23 c.	Design for furniture silk.
Chaplin, Alice	Bloomsbury	14 a.	Group in water-colours without background.
Comfort, Arthur	Lambeth	8 b. 2.	Chalk drawing of figure from the antique.
Cooke, Ernest O.	Nottingham	15 a.	Group in oil-colours.
Cummings, John F. S.	Leicester	26 c.	Design for a carved oak chair.
Dancey, Harry A.	Gloucester	23 a.	Measured drawing of the "Old Spa House," Gloucester.
Darnley, Edwy M.	Hull	12 a.	Monochrome in water-colour of ornament from the cast.
Denley, Mary	Lambeth	23 c.	Designs for tiles.
Douglas, Margaret	Birkenhead	23 c.	Designs for lace flouncings.
Drayton, Frances	Lambeth	8 b. 2.	Chalk drawing of figure from the antique.
Evans, Kate E.	South Kensington	17 b.	Oil painting of the head from life.
Fawcett, Emily	" "	19 c.	Modelling the nude figure from nature.
"	" "	19 f.	Modelling drapery on figure.
Feek, James Hall	Norwich	22 d.	Studies of historic styles of ornament from Indian textiles.
Fidler, Gideon M.	Salisbury	23 c.	Design for a ceiling.
Fisher, John	Sheffield	23 c.	Design for an inkstand.
Forster, Josh. W	Manchester (Cavendish Street).	8 b. 2.	Chalk drawing of figure from the antique.
Frampton, George	Lambeth	19 d.	Modelling the head from life.
Gunn, Archibald	Wolverhampton	14 c.	Oil painting of drapery.
Hall, Alfred	Cirencester	23 d.	Figure design for plaster work.
Hastling, Annie E.	Manchester (Cavendish Street).	15 a.	Group in oil-colours.
Hay, Robert L.	Glasgow	23 b. (for set)	Designs for municipal buildings.
Heise, Emily S.	Birkenhead (The Holt, Tranmere).	16 a.	Monochrome in water-colour of horse's head from the cast.
"	" "	23 c.	Designs for lace flouncings.
Henn, Marion Ryder	Bloomsbury	23 c.	Designs for tiles.
Hinchcliffe, James E.	Coventry	23 c.	Designs for silk mufflers and dress goods.
Hitchens, Alfred	South Kensington	17 b.	Oil painting of the head from life.
Hobson, Victor W.	Darlington	12 a.	Monochrome in water-colour of ornament from the cast.
Holmes, Ethel	West London	8 b. 2.	Chalk drawing of figure from the antique.
Holmes, Mary	Yarmouth (Great)	23 c.	Designs for muslins.
Hudson, Henry	South Kensington	22 d.	Studies of historic styles of ornament from objects in South Kensington Museum.
Hudson, Henry J.	" "	17 c.	Oil-painting of figure from the nude.
Huskinson, John	Lambeth	19 d.	Modelling the head from life.
"	"	23 e.	Modelled capital and half of arch.
Hytche, Kezia	West London	15 a.	Group in oil-colours.
Jessop, Charles H.	Derby	23 f.	Modelling two designs for panels.
Keppie, John	Glasgow	23 d.	Design for a sideboard recess.
Koert, Cornelius V.	West London	8 b. 1.	Chalk drawing of torso.
Lanchester, Mary	Brighton	12 a.	Monochrome in water-colour of ornament from the cast.
Lawson, John	Sheffield	23 c.	Design for a candelabrum.
Leavers, Lucy A.	Nottingham	15 a.	Group in oil-colours.
Lee, John	Darlington	15 b.	Group in water-colours.

Bronze Medals—*continued.*

Name.	School.	Stage.	Subject.
Linnell, Thomas	Leicester	23 c.	Designs for wall paper.
Mackintosh, Alexander.	Inverness	16 a.	Monochrome in water-colour of head from the cast.
McGill, David	Kilmarnock	12 a.	Monochrome in water-colour of ornament from the cast.
McMillan, Emeline	Lambeth	8 b. 2.	Chalk drawing of figure from the antique.
"	"	8 b. 2.	Chalk drawing of figure from the antique.
Marten, Elliott H.	Ilkley	15 b.	Group in water-colours.
Martin, William	Edinburgh (Male)	8 b. 1.	Chalk drawing of head from the antique.
Mountford, Julia	Birmingham	12 a.	Monochrome in water-colour of ornament from the cast.
Mountford, Frederick.	Kidderminster	22 d.	Studies of historic styles of ornament from Persian and other textiles.
Muirhead, Hugh	Edinburgh (Male)	12 a.	Monochrome in water-colour of ornament from the cast.
Munt, Charles	Ryde	22 a.	Studies treating natural objects ornamentally.
Palin, William M.	Burslem	9 a.	Anatomical studies.
Parkyn, John H. P. W.	Bristol	9 a.	Anatomical studies.
Peace, Alfred	Sheffield	23 c.	Design for a salt-cellar.
Phillips, Charles	Dundee	23 a.	Measured drawings of a governor for steam engine.
Pomeroy, Frederick	Lambeth	19 c.	Modelling the nude figure from nature.
Pratt, Arthur W.	South Kensington	23 a.	Measured drawing of the campanile of St. Paul's.
Price, Hedley J.	Nottingham	23 b. (for set)	Design for a cathedral.
Riseley, Herbert	Macclesfield	23 c.	Design for furniture silk.
Robertson, David M.	Edinburgh (Male)	23 c.	Design for tapestry curtain, &c.
Sherburn, William Henry.	Rotherham	23 a.	Measured drawings of the dining room in Carbrook Hall, &c.
Smart, Samuel	Dudley	8 b. 1.	Chalk drawing of head from the antique.
Smith, A. F.	Birmingham	23 c.	Design for entrance to a School of Art.
Story, Blanche	Nottingham	23 c.	Design for a lace curtain.
Stretton, Philip E.	South Kensington	15 a.	Group in oil-colours.
Stubbs, J. Woodhouse.	Newcastle-upon-Tyne (Library Place).	14 a.	Flowers painted in water-colours without background.
"	Sunderland	5 a.	Group of models shaded in chalk.
Suddards, Frank	Bradford (Grammar School).	8 c. 1.	Chalk drawing of head from life.
Swinstead, Frank H.	South Kensington	12 a.	Monochrome in oil of ornament from the cast.
Taylor, Arthur	Birmingham	17 c.	Oil painting of figure from the nude.
Teape, James S.	St. Thomas' Charterhouse.	16 a.	Monochrome in oil-colour of figure from the cast.
Thiede, Edwin Adolf	South Kensington	8 c. 2.	Chalk drawing of figure from the nude.
Thomas, James	Westminster (Royal Architectural Museum).	22 d. (for set)	Studies of historic styles of ornament from mosaics in British Museum.
Tucker, George Edward.	West London	23 c.	Designs for wrought-iron gates, &c.
Walker, William	Kidderminster	23 c.	Design for a Brussels carpet.
Whiteside, William J.	Birkenhead	16 a.	Monochrome in water-colour of head from the cast.
Winterbottom, Austin.	Sheffield	23 d.	Design for townhall bronze doors.

Appendix D.

STUDENTS REWARDED AT NATIONAL COMPETITION OF SCHOOLS OF ART.

NATIONAL BOOK PRIZES.

Name.	School.	Stage.	Subject.
Adams, Frank E.	Macclesfield	23 c.	Design for silk hanging.
Allnutt, Roland	Wolverhampton	14 c.	Oil painting of drapery.
Atcherley, Samuel	Shrewsbury	23 c.	Designs for ribbons.
Bairsto, William	Selby	12 a.	Monochrome in water-colour of ornament from the cast.
Banks, William Henry.	Rotherham	23 c.	Design for a silver salt-cellar.
"	"	23 c.	Design for silver gilt candlestick.
Bates, Henry Walter	Leicester	14 b.	Landscapes in water-colours.
Baynton, Harry	Coventry	8 b. 2.	Chalk drawing of figure from the antique.
"	"	8 b. 2.	Chalk drawing of figure from the antique.
Bearne, George H.	Lambeth	18 b.	Modelled ornament from the cast.
Bennett, Harrison	Rotherham	12 a.	Monochrome in water-colour of ornament from the cast.
Betts, Jessie	Weymouth	14 a.	Flowers in water-colour without background.
Bithrey, Alfred E.	Leicester, Wyggeston Hospital.	23 a. (for set)	Measured drawings of chimney piece, &c.
Blackburn, George Henry.	Leeds	8 b 2.	Chalk drawing of figure from the antique.
Blacklock, Thomas W. B.	Edinburgh (Male)	15 a.	Group in oil-colours.
"	"	12 a.	Monochrome in water-colour of ornament from the cast.
"	"	12 a.	Monochrome in oil of ornament from the cast.
Booth, John	Macclesfield	23 c.	Design for silk handkerchief.
"	"	23 c.	Design for silk hanging.
Bourhill, John	Edinburgh (Male)	8 b. 1.	Chalk drawings of hands and feet from the antique.
Breun, John E.	St. Martin's	16 a.	Monochrome in oil of figure from the cast.
Brooke, Leonard L.	Birkenhead	16 a.	Monochrome in water-colour of animal's head from the cast.
Brookes, Edgar	Birmingham	23 f.	Modelled design for a panel.
Bulley, Georgina	South Kensington	19 e.	The nude figure from nature —modelled.
Butler, Clehorow	West London	19 b.	Modelling head from the cast.
Buttberg, Francis	Brighton	16 a.	Monochrome in water-colour of head from the cast.
Caldwell, Edmund.	West London	8 b. 2.	Chalk drawing of figure from the antique.
Callowhill, James Clarence.	Worcester	23 c.	Designs for dessert plates.
Campbell, David	Halifax	23 c.	Design for an Axminster carpet.
Charde Hugh	Cork	8 c. 1.	Chalk drawing of head from life.
Charlton, Charles F.	Hull	23 b. (for set)	Designs for a church.
Churton, Mary	Brighton	15 b.	Group in water-colours.
Clegg, John	Sheffield	23 c.	Design for room and ceiling decoration.
Clews, John	Nottingham	23 c.	Design for wall paper.
Clulow, William James.	Macclesfield	23 c.	Design for silk hanging.
Cole, Thomas W.	South Kensington	22 d.	Studies of historic styles of ornament from objects in South Kensington Museum.
Connell, Mary	Lambeth	8 b. 2.	Chalk drawing of figure from the antique.
Cooke, F. W.	Lincoln	15 b.	Group in water-colours.
Copping, Harold	West London	8 b. 2.	Chalk drawing of figure from the antique.
Crawford, John D.	Glasgow	18 b.	Modelling ornament from the cast.

National Book Prizes—*continued.*

Name.	School.	Stage.	Subject.
Crittenden, Dora	Bloomsbury	14 a.	Fruit in water-colours without background.
Cromack, George A.	Stroud	12 a.	Monochrome in water-colour of ornament from the cast.
Crompton, Edward.	South Kensington	9 c.	Anatomical study—modelled.
Dickeson, Agnes	Dover	23 c.	Designs for lace flouncings, &c.
Dobbin, John	Wakefield	8 b. 1.	Chalk drawing of head from the antique.
Dodd, Charles T.	South Kensington	22 d.	Studies of historic styles of ornament from arabesque designs.
Donaldson, James H.	Edinburgh (Male)	15 b.	Group in water-colours.
Doran, Thomas	Macclesfield	23 c.	Design for silk handkerchief.
Douglas, Robert	Elgin	23 a.	Measured drawing of governor.
Dressler, Conrad	South Kensington	18 b.	Modelling ornament from the cast.
Druitt, Emily	„	22 d.	Studies of historic styles of ornament from iron work.
Duffield, John R.	Birmingham	23 c.	Design for a salt-cellar.
Dunlop, James Morton.	Kilmarnock	15 a.	Group in oil-colours.
D'Urban, William	South Kensington	23 c.	Design for a painted panel.
Dyke, Arthur H.	Coventry	23 c.	Designs for watch backs.
Elliott, John W.	Manchester (Cavendish Street).	8 b. 1.	Chalk drawing of head from the antique.
Emery, Albert John	Bristol	8 b. 1.	Shaded details of the human figure.
Evans, Mary Alice	South Kensington	23 c.	Design for a lace fan.
Finchett, Thomas	Manchester (Cavendish Street).	12 a.	Monochrome in water-colour of ornament from the cast.
Fisher, John	Sheffield	23 c.	Design for soup tureen and ladle.
Fletcher, John H.	Nottingham	23 c.	Designs for book covers, &c.
Forrester, Harold	Stoke-on-Trent	20	Modelling foliage from nature.
Foster, William	Salisbury	23 c.	Design for floor-cloth.
Fowler, William Thomas.	Macclesfield	23 c.	Design for furniture silk.
Frampton, George	Lambeth	19 b.	Model of figure from the antique.
Gare, Charles F.	Dudley	8 b. 1.	Chalk drawing of head from the antique.
Gaskin, Arthur J.	Wolverhampton	15 a.	Group in oil-colours.
Gibbons, Emmeline	Cirencester	22 a.	Studies treating natural objects ornamentally.
Gillett, Richard	Liverpool (S. D.)	15 a.	Group in oil-colours.
Glover, Edward	Manchester (Cavendish Street).	23 c.	Design for wall paper.
Gunn, Archibald	Wolverhampton	14 c.	Oil painting of drapery.
Gwynne, Isabel	South Kensington	17 c.	Painting of nude figures from life in water-colours.
Hall, Kate A.	Birmingham	15 a.	Group in oil-colours.
Hammond, Edward	West London	23 d.	Figured design for a panel.
Harral, Edmund	Huddersfield	23 c.	Design for cretonne.
Hastling, Annie E.	Manchester (Cavendish Street).	15 a.	Group in oil-colours.
Heath, Margaret Alice.	Gloucester	15 b.	Group in water-colours.
Henton, George Moore.	Leicester	15 a.	Group in oil-colours.
Herdman, Robert D.	Edinburgh (Male)	8 b. 1.	Chalk drawing of head from the antique.
Higgins, Albert A. W.	Birmingham	16 a.	Monochrome in oil of figure from the cast.
Hinxman, Ellen M.	Salisbury	14 a.	Flowers in water-colours without background.
Hodgson, Herbert	Bradford (M. I.)	23 a. (for set)	Measured drawing of Fountain's Abbey, &c.
Holgate, Joseph	Westminster (Royal Arch. Museum).	23 d.	Designs for stained glass.
Hoyland, Edwin	Sheffield	23 c.	Design for a salt-cellar.

Appendix D.

STUDENTS REWARDED AT NATIONAL COMPETITION OF SCHOOLS OF ART.

National Book Prizes—*continued.*

Name.	School.	Stage.	Subject.
Hunter, David	Kilmarnock	12 a.	Monochrome in water-colour of ornament from the cast.
Jackson, James Thomas.	Leamington	9 a.	Anatomical studies.
Jarvis, John	Burslem	18 b.	Modelling ornament from the cast.
Jeffery, Annie	Bloomsbury	15 a.	Group in oil-colours.
Johnson, Alfred	Westminster (Royal Arch. Museum).	17 c.	Oil painting of the nude figure from life.
Joyce, Mary	Dover	12 a.	Monochrome in oil of ornament from the cast.
"	"	22 a.	Studies treating natural objects ornamentally.
Keeling, William	Sheffield	14 b.	Landscapes in oil-colours.
Kirkpatrick, Jonathan.	Glasgow	23 c.	Designs for cups and saucers.
Knowles, George S.	Manchester (Cavendish Street).	8 b. 2.	Chalk drawing of figure from the antique.
Laidler, Edwin	Durham	23 c.	Design for wrought-iron gates.
Leighton, Frederick	Coalbrookdale	23 c.	Design for a painted tazza.
"	"	23 c.	Painted designs on tiles to form a panel.
McGeorge, William	Edinburgh (Male)	8 b. 1.	Chalk drawing of legs from the antique.
McMillan, Emeline	Lambeth	8 c. 1.	Chalk drawing of head from life.
McVey, John	Glasgow	18 c.	Modelling ornament from drawings.
Massey, Henry G.	South Kensington	23 c.	Designs for book covers.
May, Samuel	West London	15 a.	Group in oil-colours.
Maynard, Walter	Brighton	12 a.	Monochrome in water-colour of ornament from the cast.
Middleton, Alonzo	Nottingham	23 c.	Design for lace curtain.
Miller, William	Glasgow	23 d.	Figure design for a panel.
Mitchell, Mary	Lambeth	19 b.	Modelling head from the cast.
Morton, Rebecca R.	Birkenhead	16 a.	Monochrome in water-colour of animal's head from the cast.
Nisbet, Ethel Chapman.	Bloomsbury	14 a.	Flowers in water-colours without background.
Oakshott, George J.	South Kensington	23 a.	Measured drawing of the campanile of St. Paul's Cathedral.
Palin, William M.	Burslem	23 c.	Designs for panels.
Parker, Fred H.	West London	8 b. 1.	Chalk drawing of head from the antique.
Parkyn, John H. P. W.	Bristol	12 a.	Monochrome in water-colour of ornament from the cast.
Pearce, Arthur	Lambeth	9 a.	Anatomical studies.
Phillp, Laura E.	Birmingham	14 b.	View of a staircase in oil-colours.
Pitman, Janetta	Nottingham	15 a.	Group in oil-colours.
Reid, Robert	Glasgow	22 d.	Studies of historic styles of ornament.
Rhead, Frederick	Hanley	23 c.	Designs for majolica plaques.
Rhind, John S.	Edinburgh (Male)	19 b.	Model of figure from the antique.
Robertson, Ellen M.	South Kensington	17 b.	Oil painting of the head from life.
Rogers, Edith	Lambeth	23 c.	Designs for vase and salad bowl.
Rogers, Frederick	"	18 b.	Modelling ornament from the cast.
Rollason, W. A.	Birmingham	8 c. 2.	Chalk drawing of figures from the nude.
Rowe, Cecilia	Taunton	8 b. 1.	Chalk drawing of head from the antique.
Schenley, Hermione	South Kensington	15 b.	Group in water-colours.
Schofield, J. W.	Halifax	23 c.	Design for surface decoration.
Simmonds, Thomas C. H.	Glasgow	22 d.	Studies of historic styles of ornament.
Singer, Amy M.	South Kensington	19 d.	The head modelled from life.
Smalley, George	Lincoln	23 a.	Measured drawing of a corn-mill.

National Book Prizes—*continued.*

Name.	School.	Stage.	Subject.
Smart, George	Dudley	8 b. 1.	Chalk drawing of head from the antique.
Smith, A. F.	Birmingham	12 a.	Monochrome in water-colour of ornament from the cast.
"	"	22 d.	Studies of historic styles of ornament.
Smith, Gwendoline	Gloucester	15 a.	Group in oil-colours.
Southgate, Elsie	Lambeth	8 b. 2.	Chalk drawing of figure from the antique.
Speakman, Arthur	Manchester (Cavendish Street).	8 b. 1.	Chalk drawing of head from the antique.
Stafford, George	Nottingham	23 c.	Design for lace curtain.
"	"	23 c.	Design for wall-paper.
Stamp, Elizabeth	Bloomsbury	14 a.	Fruit in water-colours without background.
Steeley, Frank	Birmingham	23 c.	Designs for shawl brooches.
Stephenson, Charles	Ilkley	16 a.	Monochrome in oil of head from the cast.
Stevens, Catherine	Brighton	12 a.	Monochrome in water-colour of ornament from the cast.
Suddards, Frank	Bradford (Grammar School).	8 b. 1.	Chalk drawing of head from the antique.
Swain, W. R.	Birmingham	22 d.	Studies of historic styles of ornament.
Swan, Alice	Lincoln	23 c.	Design for a fan.
Swan, Alice C.	Cork	15 b.	Group in water-colours.
Taylor, George E.	Sheffield	22 a.	Studies treating natural objects ornamentally.
Taylor, Ida	Lambeth	8 b. 2.	Chalk drawing of figure from the antique.
Thompson, William	Macclesfield	23 c.	Design for furniture silk.
Thomson, James L.	Edinburgh (Male)	19 b.	Model of figure from the antique.
Tidmarsh, Henry	West London	23 d.	Designs for plaques.
"	"	17 d.	Time sketches of the nude figure from life.
Townhill, A.	Lincoln	17 b.	Head from life in water-colour.
Tratman, Tracy	Bristol	22 a.	Studies treating natural objects ornamentally.
Turner, William	Edinburgh (Male)	23 c.	Design for tapestry.
Varian, Agnes	Dublin (Metropolitan)	14 a.	Fruit tree in water-colours without background.
Varley, Emily Lucy	Bloomsbury	14 a.	Fruit in water-colours without background.
Vince, Joseph	Yarmouth (Great)	23 c.	Designs for wrought-iron panels.
Vowles, Matthew H.	South Kensington	8 b. 1.	Chalk drawing of head from the antique.
Walls, William	Edinburgh (Male)	12 a.	Monochrome in oil of ornament from the cast.
Waugh, Elizabeth	Winchester	8 c.	Time study of head from life.
Westwood, Adam	Glasgow	8 b. 2.	Chalk drawing of figures from the antique.
Welch, Ellen	Birmingham	12 a.	Monochrome in oil of ornament from the cast.
Willdigg, John	Hanley	20	Modelling foliage and fruit from nature.
Wilson, Charles	Sheffield	23 c.	Design for a candelabrum.
"	"	12 a.	Monochrome in water-colour of ornament from the cast.
Wigg, Byam	Yarmouth (Great)	23 c.	Designs for tiles.
Willock, Richard	Kendal	23 b. (for set)	Design for a townhall.
Winterbottom, Austin.	Sheffield	8 c. 2.	Chalk drawing of figures from the nude.
"	"	23 c.	Design for a salt-cellar.
Woodall, William H.	West London	8 b. 1.	Chalk drawing of head from the antique.
Woodhouse, Frederick W.	South Kensington	23 c.	Design for iron gates.
"	"	23 a. (for set)	Drawings of iron gates from actual measurement.
Young, Lilian	Bloomsbury	14 a.	Groups in water-colours without background.

Appendix D.

STUDENTS REWARDED AT NATIONAL COMPETITION OF SCHOOLS OF ART.

14. Honorary Awards to Students of the Training Class at South Kensington.

Gold Medals.

Name.	Stage.	Subject.
Bowcher, Alfred W.	19 e.	Model of the nude figure from nature.
Willis, Richard H. A.	15 a.	Group in oil-colours.

Silver Medals.

Name.	Stage.	Subject.
Busk, William	12 a.	Monochrome in oil of ornament from the cast.
Caston, Alice	22 d.	Studies of historic styles of ornament from Raffaelle's pilasters.
Gibbons, Francis	22 d.	Studies of historic styles of ornament from objects in South Kensington Museum.
Hare, George	17 b.	Oil painting of the head from life.
"	17 c.	Oil painting of the figure from life.
"	22 d.	Studies of historic styles of ornament, showing principles of drapery.
Toft, Albert A.	19 f.	Modelled drapery.
Willis, Richard H. A.	23 c.	Design for a salt-cellar.

Bronze Medals.

Name.	Stage.	Subject.
Bebb, Isabell L.	22 d.	Studies of historic styles of ornament, from Raffaelle's pilasters.
Busk, William	23 a.	Measured drawing of north-west tower of St. Paul's.
Davis, Louis	14 a.	Flowers with background in water-colours.
"	23 c.	Design for a salver.
"	23 d.	Design for a plate in style of XVth. century. Italian Faience.
Earles, Frederick	22 d.	Studies of historic styles of ornament, from panel decorations.
Greenwood, Edwin	15 a.	Group in oil-colours.
Ledward, Richard	23 f.	Model design for a panel.
Llewellyn, Samuel, H. W.	9 a.	Anatomical studies.
"	17 b.	Oil painting of head from life.
Lowenthal, Dora	23 c.	Design for a plate in style of XVth. century. Italian Faience.
Marriott, Frederick	8 c. 1.	Chalk drawings of head from life.
Morrow, Albert G.	8 c. 2.	Chalk drawings of figures of the nude from life.
Norris, William	9 a.	Anatomical studies.
"	17 c.	Oil painting of the nude figure from life.
Somerscales, John	23 b.	Design for a private residence.
Spain, John H.	8 b. 2.	Chalk drawing of figure from the antique.
Spencer, Augustus	23 a.	Measured drawing of north-west tower of St. Paul's.
Ward, George	23 a.	Measured drawing of north-west tower of St. Paul's.
Wood, George A.	22 d.	Studies of historic styles of ornament from tombs and monuments.

Book Prizes.

Name.	Stage.	Subject.
Bowcher, Alfred W.	23 f.	Modelled design for a panel.
Downes, Annabel	22 d.	Studies of historic styles of ornament, from enamels.
"	17 a.	Oil painting of a bird from copy.
Earles, Frederick R.	23 a.	Measured drawing of the campanile of St. Paul's.
Elton, Edgar	23 c.	Design for a plaque.
"	23 b.	Design for a country house.
Fisher, Amy E.	12 a.	Monochrome in water-colour of ornament from the cast.
Gibbons, Francis	23 c.	Design for a salt-cellar.
Gill, Harry P.	22 d.	Studies of historic styles of ornament (sculpture).
"	8 c. 2.	Chalk drawing of figure from the nude.
Hare, George	17 a.	Oil painting of the head from copy.
Hayes, Michael	8 e.	Time studies of the human figure.
"	23 c.	Designs for ceilings.
"	23 d.	Design for an inkstand.
Marriott, Frederick	23 d.	Design for a silver flower stand and salt-cellar.
Perkin, Emil S.	14 a.	Flowers painted in water-colours without background.
Perry, Alice Bertha	22 d.	Studies of historic styles of ornament, from borders.
Proctor, Joseph	14 a.	Flowers painted in water-colours without background.
Randerson, Paulina	22 d.	Studies of historic styles of ornament, from enamels.
Schröder, Walter G.	23 b.	Design for a country residence.
Spain, John H.	22 d.	Studies of historic styles of ornament, from panel decorations.
White, William F.	23 b.	Design for a residence.
Whitehead, Arthur	17 b.	Oil painting of the head from life.
"	23 c.	Design for a cheffonier.

Appendix D.

LIST OF PERSONS WHO OBTAINED CERTIFICATES.

15. ALPHABETICAL LIST of PERSONS who obtained ART CERTIFICATES of the THIRD GRADE at the EXAMINATIONS held at SOUTH KENSINGTON in February and July 1882.

Name.	Address (or from School of Art or Art Class).
GROUP I.—*Elementary Drawing, Colouring, and Design.*	
Clayson, Cuthbert	Newark Art Class.
Craston, Frank R.	Manchester Grammar School.
Donaldson, James Henry	Edinburgh.
Gibbons, Francis	Cirencester.
Greeves, Agnes	Nat. Art Training School.
Hanrott, Katherine	" "
Heath, Margaret Alice	Gloucester.
King, Charles O.	Nat. Art Training School.
Koszelski, Jessie Anne	Bloomsbury.
Long, Louisa	Liverpool (South District).
Mackenzie, Elizabeth Ellen	North London.
Robertson, David M.	Edinburgh.
Turner, Arthur W.	Salisbury.
GROUP II.—*Drawing, Painting, Ornament, and Design.*	
Bebb, Isabell L.	Nat. Art Training School.
Black, Francis	" "
Brydall, Robert	Glasgow (External Candidate).
Carter, Mary	Nat. Art Training School.
Cole, Thomas William	" "
Dodd, Charles T.	" "
Druitt, Emily	" "
Elton, Edgar A.	" "
Gill, Harry P.	" "
Kemp, Minna	" "
Perkin, Emil S.	" "
Sherwood, Frederick	" "
Somerscales, John	" "
Walford, Amy I.	" "
White, William F.	" "
GROUP III.—*Drawing and Painting the Figure and Still Life.*	
Greenwood, Edwin	Nat. Art Training School.
GROUP VI.—*Domestic Architectural Drawing.*	
Barkas, Henry D.	Nat. Art Training School.
Glazier, Richard	Rochdale (External Candidate.)
Havell, Ernest B.	Nat. Art Training School.
Rider, Haywood	York, Minster Yard.
Schröder, Walter G.	Nat. Art Training School.
Somerscales, John	" "
White, William F.	" "
Whitehead, Arthur	" "

List of persons who obtained the Art Class Teachers' Certificate.

Name.	Address (or from School of Art or Art Class).
Banks, Hephzibah	Brighton.
Bell, Lizzie H.	Dundee.
Brooks, President J. J.	Manchester Grammar School.
Brown, George	Glasgow.
Caston, Kathleen	Nat. Art Training School.
Curtis, Rosamund F.	Bloomsbury.
Erskine, Thomas	Glasgow.
Finn, Herbert John	Dover.
Goldie, Patrick C.	Edinburgh.
Granger, John	Glasgow.
Hay, James	Edinburgh.
Henn, Marion Ryder	Bloomsbury.
Holgate, Joseph	Westminster, Royal Archl. Museum.
Holland, Gertrude	Bloomsbury.
Kay, Archibald	Glasgow.
Kennaway, Charles G.	Dundee and Perth.
Kinton, Ada F.	Nat. Art Training School.
Lessels, James	Kirkcaldy, Burgh School.
Massey, Henry G.	Nat. Art Training School.
Minns, Fanny M.	Newport (Isle of Wight), Grammar School.
Newey, Harry F.	Birmingham.
Newman, Catharine M.	Bloomsbury.
Ryan, Charles James	Ventnor (Art Class).
Thomson, Robert R.	Perth.
Towlson, James H.	Leicester, Wyggeston Boys' School.
Tratman, Tracy	Bristol.
Wordley, Eliza	Bloomsbury.
Young, Lilian	

Appendix D.

PRIZES OF THE PLASTERERS' COMPANY.

16. PRIZES of the PLASTERERS' COMPANY, 1882.

The Worshipful Company of Plasterers, London, gave the undermentioned prizes to be competed for by students in Schools of Art in connexion with the Science and Art Department.

These prizes are open to all students in Schools of Art, including artisan classes in those schools; but the first and second prizes in either case cannot be both taken by students of the National Art Training School at South Kensington.

The models and designs remain the property of the competitors, but the Plasterers' Company reserves the right of taking copies of them, should it be thought desirable.

I.—FOR A MODEL IN PLASTER.

Showing truss or capital and half of arch over, decorated according to the taste of the designer, showing panels and soffit, &c., in bold relief. Dimensions from under side of truss or cap to ceiling, to be 4 feet, and from centre of arch to side wall, 3 feet, the wall 9 inches thick. To be executed half full size.

First Prize, 7*l.* 7*s.*, awarded to John A. Evans, of the Gloucester School of Art.

Second Prize, 4*l.*, awarded to Thomas Treleaven, of the Westminster Royal Architectural Museum School of Art.

II.—FOR A DESIGN IN MONOCHROME.

For a side-board recess in a dining room 7 feet long by 4 feet deep, 12 feet to ceiling. Pilasters, cornice or coving, &c., according to the taste of the designer. Scale, 2 inches to the foot. Details, 3 inches to the foot, to be given on the same imperial sheet.

First Prize, 8*l.* 8*s.*, awarded to Thomas Smith, of the Coalbrookdale School of Art.

Second Prize, 5*l.* 5*s.*, awarded to John Keppie, of the Glasgow School of Art.

17. Report of the Registrar of the National Art Training School, South Kensington.

SIR,

I HAVE the honour to submit my report on the National Art Training School for the year ending 31st July 1882.

In the period over which this report extends, viz., from the 1st October 1881 to 31st July 1882, the number of "students in training" receiving instruction has been 39, and of "National scholars" 16. These, besides being free students, received weekly allowances of from 10*s.* to 35*s.* each.

During the year five masters have been appointed from the "training class," Francis Black, City and Spitalfields; A. W. F. Langman, Southampton Hartley Institute; Samuel J. Cartlidge, Hanley; Fred Sherwood, Mansfield, and Edward Renard, Shipley.

The Art Schools of Dublin, Hertford and Shipley have received temporary assistance of teachers from the same source.

Four "students in training" have retired from the schools, D. L. Raimbach, T. Riley, and H. Farncombe, appointed to Brighton Training College; C. S. Millard, appointed to Cheltenham School of Art after leaving the class; four National scholars—John Mackenzie, M. Hayes, F. Gibbons, and F. Marriott, have retired from the schools, their time having expired, &c.

Five "students in training,"—C. T. Dodd, Alice Caston, F. Earles, F. H. Newbery, and A. Spencer were admitted, viz.: — 5 from South Kensington.

Two pupil-teachers have been admitted from South Kensington.

Eight "national scholars" were admitted, viz.:—W. M. Palin from Burslem; C. Bardell, Birmingham; J. W. E. Page, Lambeth H. J. Tomlins, Worcester; L. Davis, South Kensington; J. Gater and R. Rhodes, Newcastle-under-Lyme; W. G. Thomas, Westminster.

Five "students in training" have been engaged in giving instruction in London district schools as a part of their training.

One hundred and fourteen students have attended the schools without payment of fees, viz.:—34 females, and 80 males, made up thus:—

Students in training and pupil-teachers - -	39
National scholars - - - - -	16
Students formerly in training, ex-national scholars, and others having passed the higher grade examinations - - - -	46
Engineers - - - - -	13
Total - - -	114

Thirty-eight students have been admitted at half fees on fulfilling requirements of paragraph 63 Art Directory.

Seven hundred and twenty-eight students have attended the schools, viz.:—401 females, and 327 males, a decrease of 31 on last year.

The total amount of fees received has been—

£	s.	d.	
2,978	14	0	from day students.
268	9	0	„ evening „
£3,247	3	0	

Appendix D.

NATIONAL ART TRAINING SCHOOL.

Increase of 180*l.* 14*s.* 0*d.* on last year.

The schools were open for study on 202 days, and the total number of attendances was 77,414; the average daily attendance was 383; the smallest daily attendance recorded being 150, on the 3th October 1881; and the largest 461, on the 30th March 1882. These numbers, as compared with the last year, show an increase of 468 in the number of attendances, and 2 in the daily attendances.

The general fee-paying students of these schools in the annual "National competition" of 1882, took 1 gold, 6 silver, 11 bronze medals, 17 National competition books, and 116 third grade prizes.

The "students in training," and "national scholars," (honorary awards), 2 gold, 8 silver, 20 bronze medals, and 24 National book prizes.

In the "local competition," (open to students of these schools only,) 10 silver medals, 32 National book and 4 prizes of a lower value were awarded.

At the 3rd grade (or highest art examination) 22 students of these schools obtained 24 art masters' certificates, viz.:—6 in Group VI.; 1 in Group III.; 14 in Group II.; 3 in Group I.; and 5 students obtained prizes for "Excellent."

At the second grade examinations in April last, (consisting of printed papers in geometry and perspective, and time sketches in freehand and model drawing) 24 students gained 31 prizes by passing "*Excellent*"; 71 *passes* were obtained by 54 students, and 33 obtained the second grade certificate.

The total number of prizes gained by students of these schools comprised 3 gold, 24 silver, 31 bronze medals, 78 National books, 120 third grade, and 31 prizes of a lower value.

EXTRA PRIZES.

The Principal's prize of 5*l.* was awarded to Mr. Henry J. Hudson.

I have the honor to remain, Sir,
Your obedient servant,
SUSSEX W. LENNOX, Col.,
Registrar.

To the Principal,
National Art Training School,

18. BUILDING GRANTS TO SCHOOLS OF SCIENCE AND ART.

Year.	——	Art Schools.			Science Schools.		
		£	s.	d.	£	s.	d.
1861–2	Lambeth - - -	285	12	2		—	
1863–4	Coventry - - -	560	0	0		—	
1864–5	Lincoln - - -	250	0	0		—	
„	Nottingham - -	750	0	0		—	
1865–6	Wolverton - -	500	0	0		—	
1866–7	Stoke - - -	422	5	0		—	
1867–8	Exeter - - -	500	0	0		—	
1868–9	Hanley - - -	450	0	0		—	
1869–70	Bath - - -	200	0	0		—	
„	Burslem - - -	456	0	0		—	
1870–1	Burslem - - -		—		344	0	0
1871–2	Belfast - - -	300	0	0		—	
„	Keighley - - -	500	0	0	320	0	0
„	Kendal - - -	225	0	0	175	0	0
„	Lambeth - - -	214	7	10	70	0	0
1872–3	Gloucester - -	500	0	0	375	0	0
1873–4	Southampton - -	287	10	0	205	12	6
„	Stoke-on-Trent - -	157	2	6		—	
„	Watford - - -	238	12	6	252	5	0
„	Great Yarmouth - -	361	0	0	141	0	0
1875–6	Lewes - - -	364	0	0		—	
„	Ryde - - -	500	0	0		—	
1876–7	Worcester - -	500	0	0		—	
„	Winchester - -	359	11	6		—	
1877–8	Dover - - -	327	10	0		—	
1878–9	Kilmarnock - -	211	10	0	184	12	6
„	Falkirk - - -	406	15	0	237	5	0
„	Bromley - - -	276	10	0	226	7	6
1879–80	Macclesfield - -	351	0	0	409	5	0
„	Farnham - - -	225	15	0		—	
„	Kidderminster - -	500	0	0		—	
1880–81	St. Alban's - -	244	0	0	171	10	0
„	Penzance - - -	405	10	6		—	
1881–82	Salisbury - - -	326	0	0		—	
„	Ipswich - - -	356	15	0	326	0	0
„	Inverness - - -	284	10	0		—	
1882–83	Chelsea, Onslow College -	285	0	0	262	0	0
„	Cardiff - - -	500	0	0	365	0	0

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

APPENDIX E.

REPORT on the SOUTH KENSINGTON MUSEUM and the BRANCH MUSEUM at BETHNAL GREEN; by SIR PHILIP CUNLIFFE OWEN, K.C.M.G., C.B., C.I.E., Director.

New buildings.

In the report for 1876 it is stated that certain portions of the temporary buildings of the Museum had been removed in order to clear the site for the proposed new Library and Reading Rooms. It was not until the closing months of 1882 that the building erected on this site was handed over, by the Board of Works, to the Science and Art Department. Two courts and the corridor on the ground floor, though not yet opened to the public, are now occupied with various objects in process of arrangement; but the rooms up-stairs, destined for the Library, are still without fittings or furniture. Meanwhile, the Art Library remains in the crowded and unsuitable quarters it has so long outgrown.

One of the new courts is assigned to the collection of casts of antique sculpture, the proposed formation of which was announced in my last report. A large number of fine casts have now been acquired from originals in Greece, Italy, Austria, Germany, and France. In the other court will, for the present, be displayed a remarkable collection of examples of Indian industrial and decorative art, including some large specimens of domestic architecture in carved wood, collected for the Department by Mr. C. Purdon Clarke in a tour through India in 1881 and 1882.

Exhibition of Danish and Scandinavian Art.

In my last report I announced that their Majesties the Kings of Denmark and Sweden, had undertaken to support a scheme for an exhibition of Danish and Scandinavian Art to be held here in the summer of 1882. This project was carried out, and at the request of the Lords of the Committee of Council on Education, Chamberlain Worsaae, of Copenhagen, has prepared a handbook on Danish Art, and Dr. Hildebrand, of Stockholm, a similar work on the Arts of Scandinavia.

Jones Bequest.

The most notable event in the history of the Museum during the year is the reception of the collection bequeathed to the nation by Mr. John Jones, of Piccadilly, who died on 7th January, 1882. It consists chiefly of very choice examples of French Eighteenth Century Art, a class more keenly sought after by wealthy collectors than any other. Enamels by Petitot and his followers; furniture by Boule, Riesener, and David Roentgen; metal work by Caffieri and Gouthière; Sèvres porcelain vases of the best period,—such works can only be purchased for thousands of pounds each; an outlay which the other pressing demands on the annual parliamentary grant for purchases would not have permitted. Hence it would have been impossible for the Museum to acquire an adequate representation of this class of Art except by gift or bequest. Hitherto the deficiency has in some measure been supplied by loans; now the Museum can show examples of its own, rivalled by few, if any, public collections, and surpassed by none. The market value of the bequest has been fixed by experts at a quarter of a million sterling, a sum which the return on page 554 shows had at the time when the bequest was received been but slightly exceeded by the total outlay on original Art objects from the beginning of the Museum collections in 1852 to 31 December 1881.

Appendix E. REPORT ON SOUTH KENSINGTON MUSEUM.

The collection, which is shown to great advantage in the rooms formerly used for the exhibition of water-colour drawings, &c., was visited by their Royal Highnesses the Prince and Princess of Wales on December 12, and opened to the public on the following day. An illustrated handbook and a catalogue have been printed, and have met with a ready sale.

Wells Bequest.

Another sub-division of the Art collections has been much strengthened by the bequest by Mr. Arthur Wells of numerous examples of Chinese carved jade, crystal, &c. These were already familiar objects in the Museum, having been on loan since 1872.

Art circulation.

The record of the circulation on loan of Art objects to local Exhibitions and provincial Museums, as given in Mr. Wallis's report, shows a continued advance in this important branch of the work of the Department.

By Minute of February 1882 my Lords directed that grants should be made by the Science and Art Department to Provincial Museums in aid of the purchase of reproductions approved by the Department.

Aid to Provincial Museums.

In furtherance of this Minute the Provincial Museums in the appended table have received a grant of 50 per cent., amounting to 1,089*l.* 3*s.* 9*d.*, towards the purchase of reproductions, consisting of electrotype copies of plate, plaster casts of statuary, photographs, &c.

Name of Museum.	Aid by the Department.			Paid by the Provincial Museum.			Total.		
	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*
Birmingham Corporation Museum.	462	16	9	462	16	9	925	13	6
Bradford Public Art Museum -	212	2	10	212	2	10	424	5	8
Bradford Technical School Museum.	165	2	8	165	2	8	330	5	4
Sheffield Weston Park Museum -	249	1	6	249	1	6	498	3	0
	1,089	3	9	1,089	3	9	2,178	7	6

Libraries.

The Reports on the three Libraries give the number of readers as follows:—

Art Library - - - -	24,883
Educational Library - - -	23,192
Dyce and Forster Library - - -	1,926
	50,001

This shows an average of 161 readers for each of the 310 days on which the Museum was open, the same average as in 1881.

Committees on Science Collections.

No addition or change of importance has been made with regard to the science collections during the year, but several gentlemen, eminent in the various branches of Science concerned, have accepted the invitation of the Lords of the Committee of Council on Education to act as Committees of advice and reference (see minute of 9 May 1882 page 2). During the year 1883 these Committees will meet and report on each collection.

Publications

From a return prepared by Mr. A. C. King, it appears that the following publications relating to the Museum have been issued by the

Appendix E. — Report on South Kensington Museum.

Stationery Office under the authority of the Department during the year 1882:—

Inventory of art objects acquired during the year 1881.

List of loans to the South Kensington and Bethnal Green Branch Museums during 1881.

Lists of works on ornament, sculpture, and gold and silversmiths' work in the Art Library.

Supplement to catalogue of models of machinery.

Catalogue of the collections of lace in the Museum, by the late Mrs. Bury Palliser. Third edition, revised and enlarged by A. S. Cole.

Catalogue of the Jones Bequest to the Museum.

Messrs. Chapman and Hall have also issued the following handbooks, in continuation of the series published by them under the authority of the Department:—

The Industrial Arts of Denmark. Part I. The Stone and Bronze Age. Part II. The Iron Age. By J. J. Worsaae.

The Industrial Arts of Scandinavia. Part I. The Pagan Time. By Hans Hildebrand.

Precious stones, considered in their scientific and artistic relations. With a catalogue of the Townshend gems in the South Kensington Museum. By Professor A. H. Church.

The Jones Collection of French furniture, Sèvres porcelain, enamelled and other miniatures, pictures, sculpture, bronzes, &c.

Mr. William Griggs has continued the series of reproductions by chromo-lithography of examples of various branches of industrial art selected from the Museum collections.

Bethnal Green Branch Museum.

The Museum at Bethnal Green, has had nearly half a million visitors. A recent loan by the Marquis of Bute of a gallery of 264 oil paintings adds largely to its attractions.

Reports by officers.

The subjoined reports furnished by the assistant directors and keepers of the various divisions of the Museum, present a complete record of the progress made during the year 1882.

Lieut.-Colonel Festing, R.E., the Assistant Director specially entrusted with the charge of the buildings, including lighting, heating, ventilation, &c., reports as follows:—

Towards the end of the last year the Courts and Corridor of the new Library building were handed over for occupation by the Office of Works. A great deal of work has to be done in arranging the contents of them, and some months must necessarily elapse before they can be opened to the public, and so far no means have been provided for lighting them at night.

The new organisation of the Normal School of Science has necessitated many changes in the arrangements of the rooms, and great difficulty has been experienced in obtaining even moderate accommodation for all the various classes.

The total consumption of gas in the Museum, Schools, &c. at South Kensington has been 22,081,000 cubic feet, costing 3,498*l.* 0*s.* 6*d.* At Bethnal Green 4,833,000 feet have been consumed, costing 716*l.* 3*s.* 2*d.*

There not being at present space available for more steam-power, it has not been possible to extend the electric lighting of the Museum, except to the extent of putting 18 more incandescent lamps in the temporary Art Library. The apparatus has all worked well, and there has been no accident of any kind. The cost of 32 arc lamps for the year, including

fuel, oil, &c. for the engine, carbons, and wages has been 185*l.*, or 2·2 pence per lamp per hour, the same figure as given in my last report.

The saving in gas as compared with the average consumption of the last four years before the electric light was introduced has been, at the present price of gas, 1,007*l.* A portion of this saving is probably due to increased care in the supervision of the gas; but the bulk must be certainly put down to the introduction of the electric light, for besides the direct saving resulting from difference of cost per hour of the electric light and gas, which I estimate at 858*l.*, a further saving results from the fact that the electric light is started simultaneously exactly at the time it is wanted, whereas it takes some time to light all the gas, and therefore the lighting has to be commenced before it is actually wanted. I find, by dividing the total annual consumption in the Museum by the hourly consumption taken by the meters, that the average number of hours that the gas is lighted in the year is 700. The electric light was at work for 627 hours last year, there is therefore a further saving of 73 hours of the gas displaced by the electric light, which amounts to 99*l.*, which brings the total saving in gas to 957*l.*; deducting the total cost of the electric light (185*l.*), the net saving is 772*l.* per annum, or about 41 per cent. on the outlay, which has been 1,900*l*

In estimates of the cost of electric lighting we frequently see such sums as 10, 15, or even 20 per cent. per annum put down for "depreciation of plant." Our experience here affords no confirmation for such exorbitant figures.

One of the dynamo electric machines has been at work now for 34 months; at the end of 28 months we had a new set of brushes, costing 8*s.*, or at the rate of 3*s.* 5*d.* per annum; at the end of 32 months we had a new set of commutator plates costing 15*s.*, or say 5*s.* 8*d.* per annum, a total of 9*s.* 1*d.* per annum, or $\frac{1}{2}$ per cent. per annum on the cost. The other machine has so far cost nothing for repairs, and I am unable to detect any loss of efficiency in either machine. Nothing has been spent on the repair of the lamps or other parts of the electric apparatus. On the steam engine, which we have had at work for about $2\frac{1}{2}$ years, 5*l.* 10*s.* has been spent on new furnace bars, and I believe the engine and boiler to be substantially as good as ever.

The importance of introducing electric light into the Art Schools has been urged upon me by the Director for Art and the Principal of the schools. So much inconvenience is felt from the heat and fumes of the gas, that the substitution of electric light would be an enormous benefit. I have tried several experiments, but one great difficulty has been the want of motive power. The only power available is that of the gas engine; but this is required for lighting the Library on the nights when it is open, and it would not do to introduce electric light into the Art Schools on some nights only, as the continuity of the work would be destroyed. Through the courtesy of Messrs. Sellon and Volckmar, however, I have been able lately to try some of their storage batteries. These can be charged by means of the gas engine at any time, and are available for the supply of electric current when it is wanted. They are best fitted for working incandescent lights, but the colour of these is not much better than that of gas; it is therefore very desirable to have an arc light, but there are difficulties in getting one to work properly with storage batteries. I have now, however, obtained a Pilsen lamp, which so far appears to answer well, and therefore, if we find that the storage batteries themselves work satisfactorily, I think we may consider that the difficulty is solved, and that we may be able to light at all events the most important rooms in the Art Schools by electric light.

No large repairs have been required in the heating apparatus during the year, and it has all worked satisfactorily, with the exception of the

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

tubular boilers, which heat the South Exhibition Galleries, and which have given some trouble by the incrustation which takes place in the pipes. Some composition, introduced with the water, to prevent this, has lately been tried, but I am unable as yet to pronounce on its effects. For heating the buildings at South Kensington, 1,820 chaldron of gas coke, costing, 1,092*l.*, and at Bethnal Green, 132 chaldron, costing 79*l.* 4*s.*, have been consumed. The temperature of the Museum has been well maintained during the winter months the mean temperature inside during the time it was artificially warmed having been 59°, that of the outside air having been 46·1°.

The annexed table gives an abstract of the temperature in various parts of the Museum and out of doors throughout the year :—

	Diurnal Variations.		Temperature.		
	Max.	Mean.	Min.	Mean.	Max.
	°	°	°	°	°
Competition Gallery -	12	4·2	44	59·9	74
New Sheepshanks' Gallery -	8	3·0	52	61·9	74
Raphael Gallery - -	10	3·6	51	61·0	73
Western Gallery, S.W. -	12	5·4	51	60·6	74
North Court (Centre) -	11	4·	52	61·5	72
South Court (East) -	7	2·9	52	60·2	70
South-east Court - -	7	2·8	52	61·8	70
Standard (out of doors) -	28	11·7	26	51·8	83

MR. RICHARD A. THOMPSON, the Assistant Director for Arrangement, reports as follows :—

New buildings.

A portion of the new buildings commenced in 1876, consisting of the long corridor connecting the old south courts with the western wing of the Museum, and the two new courts and staircases adjoining, has been handed over to the Department for occupation. The library and reading rooms so urgently required, and commenced at the same period, are still unfinished.

Art collections.

The art collections have been greatly enriched by several important bequests, especially by those of Mr. John Jones and Mr. Arthur Wells.

Jones Bequest.

On the 2nd February 1882, Mr. Oliver Richards, of 16, Warwick Street, Regent Street, W., one of the executors of the late Mr. John Jones of 95, Piccadilly, W., informed the Department that Mr. Jones had bequeathed a large collection of works of Art to the South Kensington Museum, and subsequently forwarded the will. The following are extracts from the same :—

"I give, devise, and bequeath all my pictures, both in oil and water-colours; all miniatures, both in enamel and water colours; all my vases and ornamental china, and all articles of vertu manufactured in gold or silver, including two pairs of silver-gilt candlesticks; all my clocks, caskets, snuff boxes; all articles in ivory, crystal, enamel, bronze, marble, or ormolu; also all my cabinets, tables, commodes, chairs or other valuable furniture in Sèvres, boule, marquetrie, lac, oak, ebony, or ivory I may die possessed of not otherwise disposed of in this my will or any codicil thereto, to the trustees for the time being of the South Kensington Museum for the benefit of the nation, to be kept separate as

one collection and not distributed over various parts of the said museum, or lent for exhibition."

. . . . . .

"I also give and bequeath to the South Kensington Museum in addition to all previous bequests in my will or any codicil thereto, all my printed books and four chased silver candlesticks with round feet, eleven inches high, one Swedish silver-gilt tankard with Swedish coins on it."

The bequest mainly consists of works illustrating the arts of France during the last century, principally furniture, cabinet work, Sèvres china, goldsmiths' work, enamels, paintings in oil and water colours, &c.

The paintings in oil comprise specimens of the English school by Reynolds, Gainsborough, Linnell, Mulready, Webster, Frith, Landseer, Topham, Poole, &c., and the water colour works by Turner, Copley Fielding, Birket Foster, Hunt, Goodall, &c., Among the works of foreign artists are included specimens of the works of Watteau, Boucher, Fragonard, Greuze, Guardi, Lancret, Murillo, and others.

The miniatures include works by Isaac Oliver, Janet, Cooper, and others; and a fine collection of Petitot enamels.

There are eighty-nine pieces of Sèvres porcelain, besides numerous specimens of Oriental, Chelsea, and Dresden manufactures.

The miscellaneous objects comprise examples of various countries and manufactures, and are especially rich in jewelled and enamelled boxes, caskets, cups, and goldsmiths' work generally.

There are numerous bronzes and clocks, 135 specimens of decorative furniture, mostly French, of the last century, and a collection of over 100 pieces of sculpture, and over 1,000 volumes of books and engravings.

This collection, comprising as it does so many fine examples of the French industrial arts of the last century, is particularly acceptable to the Museum, specimens of the works of that period being hitherto almost unrepresented in the collections.

A catalogue of the bequest has been prepared, also an illustrated handbook.

The collection has been arranged in the eastern side of the Museum, and occupies the first three rooms adjoining the Sheepshanks galleries.

Wells Bequest.

The next important bequest during the year was that of Mr. Arthur Wells, of Nottingham, consisting of a remarkable collection of carved oriental jades, crystals, agates, &c. It comprises vases, bowls, cups, &c. in rock crystal, and figures, animals, flowers, vases, bowls, snuff-boxes in jade, caskets and cups in agate and bloodstone; boxes in crystal and jade inlaid with rubies and emeralds, and some fine specimens of Chinese enamels. The collection numbers 159 specimens, and fills what had hitherto been almost a blank in our illustrations of Chinese art.

Purchases.

The most important additions made to the Museum by purchase are a series of examples of Italian sculpture, purchased in Italy for the Department by Mr. J. C. Robinson; notably the large group in Istrian stone of the "Virgin and worshippers," formerly the tympanum of a doorway in the Abbey Church of Santa Maria della Misericordia, at Venice, this work is of the 15th century, and attributed to Bartolommeo Bono; a Well-head of white marble carved in low relief, with crosses and flowers, from Murano, near Venice, 11th century, and another of the 15th century; two tanks of washing fountains, Venice, 15th century; a pedestal of white marble with verde antique shaft, from a villa of the Salviati family, near Florence, 15th century; architrave and cornice of a doorway in Istrian stone, from Urbino, 16th century; a beautifully sculptured monumental medallion in Istrian stone, formerly erected to the memory of Antonio Maggio Bassano, an advocate of Brescia, and

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his wife Caterina, early 16th century work; a terra cotta medallion, the head of an old man, Florentine, 15th century; a devotional tablet, relievo in painted stucco, attributed to Donatello; and a series of panels, brackets, and other architectural details in marble and Istrian stone, works of the 15th century. Some specimens of Italian sculpture were also obtained from other sources, including notably a monument to Gasparo Moro, from the church of Santa Maria della Misericordia at Venice, &c.

Some examples of oriental art and other specimens were acquired at the sale of the Hamilton Palace collection, the principal object being a Japanese gold and black lacquer coffer, 17th century work, stated to have been the property of Napoleon the First.

A collection of terra cotta, glass, and pottery from Cyprus has been obtained through the instrumentality of Lieut. Kitchener, R.E., and Mr. G. G. Hake. It is in course of arrangement and will shortly be ready for public inspection. Also a collection of casts of ancient classical sculpture, formed under the superintendence of Mr. Perry.

Loans.

In the month of June a loan collection of Scandinavian objects was opened to the public, and continued open until the end of August. The collection was principally contributed by the Museums of Denmark, Sweden, and Norway. By permission of His Majesty the King a fine collection of various classes of objects was lent from the Royal Museum, Copenhagen. Textile fabrics were lent by the "Friends of Manual Arts Society," and the Nordiska Museum, Stockholm. The latter Museum also lent a large series of tankards in carved and painted wood, bowls, hand mangles, and other objects, all richly carved; jewellery from the Oldnordisk Museum, Copenhagen, silver and bronze brooches, fibulæ, bracelets, &c., from the Royal Historical Museum, Stockholm. A collection of gold and silversmiths' work was lent by P. Simonsen, Esq., Christiania.

The objects were sent over in charge of Dr. A. Haselius, to whom the Museum was much indebted for his assistance in naming and arranging the specimens.

The collection filled about two thirds of one of the south courts and was largely visited.

Circulation.

A large number of the finest works in the Museum have been circulated to schools of art, permanent museums, and institutions in connexion with the Department.

Loans have been made to 129 Schools of Art, and 60 local museums and other institutions; the number of objects and frames of illustrations circulated during the year amounting to 24,117.

Reproductions.

Many additions have been made to the series of reproductions, and the towns of Birmingham, Bradford, and Sheffield have availed themselves of the privilege of purchasing at a reduction of 50 per cent. the other half of the purchase money being paid by the Department.

Art Library.

No alterations have been made in the art library; there is difficulty in finding room, both for the readers and books. Until the new rooms are ready, no improvements can be made.

Science division.

The science collections remain in much the same state as in my previous report. Large additions have been made to the collection of ship models, and many examples have been added to the division generally, but the development of this section of the Museum is seriously retarded by our uncertain tenure of the buildings wherein the examples are arranged.

Educational collections and library.

No additions of importance have been made to the educational divisions, there being absolutely no room for additions. The number of readers to the library has fallen off owing to the necessary closing of the passage communicating between the Museum and the reading room. This became

necessary to enable the contractors to complete the work of the new buildings. This passage has now been re-opened.

The Indian collection referred to in last year's report as being secured by the aid of Mr. Purdon Clarke has been unpacked, and is in course of arrangement; it contains many specimens of great interest, especially in the carved wood fronts of windows and balconies of old houses; also specimens of modern carving for similar purposes. There are many fine specimens of ancient and modern sculptures on stone, and examples of wall decorations in tiles. The collection is in course of arrangement in the west court of the new building. This dividing of the Indian collection is much to be regretted, but at present it is unavoidable, on account of many of the specimens being too large to admit of their being placed in the rooms of the Indian section. Indian section.

The only alteration of importance in the arrangement of the collections at Bethnal Green Branch Museum was caused by the acceptance of the loan of a large collection of pictures kindly offered by the Marquis of Bute. This important collection, comprising as it does 264 works mostly by the old masters, fills the whole of the eastern gallery, and a portion of the western, The pictures by modern foreign artists lent from South Kensington, and some of the older loans, had to be removed to provide sufficient space. The collection was arranged and opened for public exhibition a few days before the Christmas holidays. Bethnal Green Branch Museum.

The Art Collections.

Mr. George Wallis, the Keeper of the Art Collections, reports as follows:—

The necessity for providing suitable accommodation for the Jones Collection on its removal from the house of the late donor, John Jones, Esq., 95, Piccadilly, compelled a re-arrangement of the picture galleries, so as to provide space for the water-colour drawings hitherto exhibited in the Competition Gallery, for this gallery, with the addition of the picture gallery at one end, was best adapted to the decorative furniture and other works of art composing the collection. The arrangement was therefore carried out and completed by the end of the year.

By the removal of all the pictures on loan from the picture galleries, some of which were returned to the lenders, and others transferred by their permission to Bethnal Green Branch Museum, the historical collection of British water-colour drawings, now comprising 710 works, have been consecutively arranged in four galleries adjoining each other, thus illustrating the rise and progress of the art of painting in water colours, from 1749 to the present time.

The over crowding, and consequent absence of classification, still continues in the Middle Court and Cloisters of the Museum, but the North Court is now entirely devoted to objects of Italian Art, including the more recent acquisitions.

The number of objects acquired by purchase, gift, or bequest, during the year 1882 was 1,942, viz., General Art Collections, 1,685; Indian Section, 153; and School Examples, 104; as against 409; viz., General Art Collections 268, and Indian Section 201, in 1881.

The most important acquisitions of the year by purchase are:— Purchases.

1. A tympanum from the church of S. Maria della Misericordia, Venice, attributed to B. Bono, 157*l.* 9*s.* 8*d.*

2. A collection of Italian objects, obtained in Italy for the Museum by Mr. J. C. Robinson, 1,263*l.* 18*s.* 6*d.*

3. A collection of Spanish church plate, 1,200*l.*

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4. The excellent collection of musical instruments, formerly on loan, made by the late Mr. Carl Engel, 555*l.* 6*s.*

5. A collection of objects purchased at the Hamilton sale, 2,570*l.* 12*s.*

6. A monument to Gasparo Moro, from Venice, 100*l.*

The most important presentations of the year were—

Bequests and Gifts.

1. The great and varied collection of French furniture, miniatures, paintings, porcelain, enamels, &c., bequeathed by John Jones, Esq.

2. A collection of old French marqueterie furniture, and seven paintings by old masters, presented on behalf of the late Miss Coutts Trotter, of St. Germains, by her representatives.

3. A valuable and interesting collection of objects in jade and other precious stones, lent for exhibition by Arthur Wells, Esq., of Nottingham, and bequeathed by him at his demise.

A special loan exhibition of Scandinavian objects was opened in May and closed in August. The chief contributions were from the Museums at Stockholm and Copenhagen, supplemented by contributions from private lenders in Norway, Sweden, and Denmark, with a few contributions from English collectors.

Circulation.

Circulation.—The demands for assistance to Local Exhibitions and Museums have increased during the year, whilst those from Schools of Art for the purposes of study are continuous and regular. There is still a great deficiency of suitable studies in oil for use in the painting classes in the schools. The selection of objects sent to exhibitions and provincial Museums appears to have given general satisfaction, from the higher standard which has been taken in choosing the objects and grouping them as illustrations of country, style, or fabric; but occasionally the assistance given denudes the Museum to an extent which causes the same complaints as those alluded to in the report for 1881; and these must be expected in proportion to the increase in number of manufacturers, designers, and others who study special objects in the Museum for practical purposes. The use made of the Museum in this direction is now so considerable as to prove that great value is attached to the privilege of sketching the objects, but care is always taken that objects on loan are not sketched without the written permission of the owner.

Loan of Pictures from National Gallery.

The series of pictures lent by the National Gallery in 1867 for circulation to Schools of Art and Local Exhibitions consisting by paintings of the school of Von Liesbon and others are of great interest, as illustrating costume and decorative details, and are still in use by permission of the Trustees.

Provincial Museums.

The following provincial Museums have had the deposit loans granted for the period of one year, renewable as the 12 months expire in each case:—

Bradford.

1. Bradford; Public Art Museum. The number of objects lent is 246, the estimated value being 2,224*l.* The extra cost to the Department for carriage, arrangement, &c., 21*l.* 12*s.* 6*d.* Visitors, 198,169; admission free.

Burslem.

2. Burslem; Wedgwood Institute. The number of objects lent is 260, the estimated value 1,846*l.* 8*s.* The extra cost to the Department for carriage, arrangement, &c., 6*l.* Visitors, 23,927; admission free.

Hanley.

3. Hanley; Mechanics' Institute and School of Art. The number of objects lent is 173, the estimated value 1,002*l.* 5*s.* The extra cost to the Department for carriage, arrangement, &c., 6*l.* Visitors, 37,820; admission free.

Derby.

4. Derby; Corporation Art Gallery. The number of objects lent is 282, the estimated value 2,557*l.* 17*s.* 9*d.* The extra cost to the Department for carriage, arrangement, &c., 10*l.* 3*s.* Visitors, 240,960; admission free.

5. Greenock; Watt Institution. The number of objects lent is 120, the estimated value 912*l.* 7*s.* 9*d.* The extra cost to the Department for carriage, arrangement, &c., is 17*l.* 8*s.* Visitors, 2,164. Receipts for admission 24*l.* 18*s.* 9*d.* Greenock.

6. Macclesfield; School of Art. The number of objects lent is 287, the estimated value, 1,684*l.* 14*s.* 4*d.* The extra cost to the Department for carriage, arrangement, &c., 7*l.* 3*s.* Visitors, 7,600; admission free. Macclesfield.

7. Nottingham; Corporation Museum, Nottingham Castle. The number of objects lent is 565, the estimated value 1,274*l.* The extra cost to the Department for carriage, arrangement, &c., 8*l.* 8*s.* Visitors, 255,001. Receipts for admission, 1,959*l.* 7*s.* 10*d.* Nottingham.

8. Preston; Free Public Library and Museum. The number of objects lent is 238, the estimated value 1,110*l.* The extra cost to the Department for carriage, arrangement, &c., 13*l.* 5*s.* 6*d.* Visitors, 19,351; admission free. Preston.

9. Sheffield; Public Museum, Weston Park. The number of objects lent is 417, the estimated value 1,525*l.* The extra cost to the Department for carriage, arrangement, &c., 12*l.* 16*s.* Visitors, 117,520; admission free. Sheffield.

10. Stirling; Smith Institute. The number of objects lent is 192, the estimated value 597*l.* 1*s.* 6*d.* The extra cost to the Department for carriage, arrangement, &c., 18*l.* 10*s.* 6*d.* Visitors, 27,675; admission free. Stirling.

11. Stoke-upon-Trent; Free Library and Museum. The number of objects lent is 255, the estimated value 1,737*l.* 10*s.* The extra cost to the Department for carriage, arrangement, &c., 12*l.* Visitors, 74,383; admission free. Stoke-upon-Trent.

The number of exhibitions held during the year 1882 is 40, as against 42 in 1881. All these the Department assisted largely with contributions, as also to three exhibitions in connexion with conversazioni, annual meetings of Schools of Art, and Science Classes. These are in addition to the deposit loans to provincial and corporation Museums as reported in Table 8, and Schools of Art as detailed in Table 9. Local Exhibitions.

Contributions were also sent to continental Museums and Exhibitions, asking for such assistance in consideration of loans to the South Kensington Museum, viz., Paris, Exposition Rétrospective of the Union Centrale des Arts décoratifs; Lisbon, National Museum of Ornamental Art; Berlin, Kunst-Gewerbe Museum; Stockholm, Royal Castle; Copenhagen, Amalienborg, Palace of the late Queen Dowager of Denmark. The three last mentioned Exhibitions consisted entirely of objects of Indian Art, supplementing contributions from H.M. the Queen, H.R.H. the Prince of Wales, H.R.H. the Duke of Edinburgh, and the Right Hon. Lord Lytton.

The details of the local Exhibitions of importance, and the special expenditure incurred for each are as follows:—

1. Glasgow; Corporation Galleries. The exhibition was open 113 days, from 19th December 1881 to 29th April 1882, for the encouragement of art in Glasgow and its neighbourhood. The number of visitors was 26,105, and the receipts, 159*l.* 13*s.*; no surplus resulted. The number of objects sent from the Museum was 264, the estimated value of which was 1,462*l.* 16*s.* The extra cost to the Department for carriage, attendance, &c. was 75*l.* 16*s.* 8*d.* Glasgow

Ryde; Town Hall. The exhibition was open 39 days, from 22nd December 1881 to 4th February 1882, for the benefit of the School of Art. The number of visitors was 16,876, and the receipts 496*l.* The Committee reported a surplus of 200*l.* The number of objects sent from the Museum was 238, the estimated value of which was 2,362*l.* 2*s.* 11*d.* Ryde.

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The extra cost to the Department for carriage, attendance, &c., was 28*l.* 10*s.*

Keighley. 3. Keighley; Mechanics' Institute and School of Art. The exhibition was open 6 days, from 2nd January to 7th January 1882, for the benefit of the School of Art. The number of visitors was 3,768, and the receipts 136*l.* 6*s.* 9*d.* The surplus reported was 36*l.* The number of objects sent from the Museum was 234, the estimated value of which was 1,997*l.* 17*s.* 4*d.* The extra cost to the Department for carriage, attendance, &c. was 18*l.* 11*s.* 9*d.*

Birmingham. 4. Birmingham; Town Hall. On the occasion of the annual conversazione in connexion with the School of Art. The exhibition was open three days, from 8th to 10th February. The number of visitors was 2,131, admitted free by ticket. The number of objects sent from the Indian Section of the Museum was 232, and the estimated value of which was 2,000*l.* The extra cost to the Department for carriage, attendance, &c., was 13*l.* 6*s.* 4*d.*

Lewes. 5. Lewes; County Hall. The exhibition was open 18 days, from 13th February to 4th March, for the benefit of the School of Art. The number of visitors was 13,289, and the receipts 664*l.* The surplus reported was 440*l.* 4*s.* 10*d.* The number of objects sent from the Museum was 235, the estimated value of which was 2,751*l.* 2*s.* 7*d.* The extra cost to the Department for carriage, attendance, &c., was 16*l.*

Whitechapel. 6. Whitechapel; St. Jude's Schools, Commercial Street, Whitechapel. The exhibition was open 13 days, from 3rd to 15th April, for the advancement of art culture in the east of London. The number of visitors was 25,776, admitted free. The expenses were defrayed by subscription. The number of objects sent from the Museum was 86, the estimated value of which was 506*l.* 12*s.* 6*d.* The extra cost to the Department for carriage, attendance, &c., was 11*s.* 10*d.*

Newton Abbot. 7. Newton Abbot; Alexandra Hall. The exhibition was open 10 days, from 12th to 22nd April, for the benefit of the Art Class. The number of visitors was 5,146, and the receipts 132*l.* 15*s.* 1*d.* The reported surplus 2*l.* 15*s.* 6*d.* The number of objects sent from the Museum was 183, the estimated value of which was 2,457*l.* 5*s.* The extra cost to the Department for carriage, attendance, &c., was 28*l.* 4*s.* 9*d.*

Peterborough. 8. Peterborough; Fitzwilliam Hall. The exhibition was open 12 days, from 17th to 29th April, for the promotion of the objects of the Working Men's Institute, and for the encouragement of industrial and fine art in Peterborough and the neighbourhood. The number of visitors was 28,553, and the receipts 950*l.* A surplus of 350*l.* resulted. The number of objects sent from the Museum was 333, the estimated value of which was 4,395*l.* 7*s.* 11*d.* The extra cost to the Department for carriage, attendance, &c. was 25*l.* 19*s.* 3*d.*

Stockton-on-Tees. 9. Stockton-on-Tees; Borough Hall. The exhibition was open 21 days, from 17th April to 10th May, partially for the benefit of the Stockton Art Classes. The number of visitors was 13,808, and the receipts 523*l.* 17*s.* 6*d.* A deficit of 12*l.* 16*s.* 8*d.* was reported by the Committee. The number of objects sent from the Museum was 227, the estimated value of which was 3,431*l.* 0*s.* 7*d.* The extra cost to the Department for carriage, attendance, &c., was 41*l.* 13*s.* 3*d.*

York. 10. York; Fine Art Exhibition Buildings. The exhibition was open 129 days, from 15th May to 21st October, for the encouragement and advance of art in the city of York and neighbourhood. The number of visitors was 81,595, and the receipts 2,426*l.*, and the Committee reported a deficit of 200*l.* The number of objects sent from the Museum was 282, the estimated value of which was 1,451*l.* 7*s.* 1*d.*

The extra cost to the Department for carriage, attendance, &c., was 19*l.* 8*s.* 1*d.*

11. Alton, Hampshire; Assembly Rooms. The exhibition was open 14 days, from 16th June to 1st July, for the encouragement of art. The number of visitors was 4,989, and the receipts 217*l.* 7*s.* 2*d.* A surplus of 13*l.* 10*s.* 2*d.* was reported. The number of objects sent from the Museum was 167, the estimated value of which was 1,890*l.* 15*s.* 9*d.* The extra cost to the Department for carriage, attendance, &c., was 14*l.* 10*s.* 10*d.* Alton.

12. Sleaford; Corn Exchange. The exhibition was open 13 days, from 10th to 24th July, for the benefit of the School of Art. The number of visitors was 8,117, and the receipts 385*l.* 0*s.* 3*d.* A surplus of 54*l.* 3*s.* 6*d.* was reported. The number of objects sent from the Museum was 199, the estimated value of which was 2,376*l.* 17*s.* 10*d.* The extra cost to the Department for carriage, attendance, &c., was 23*l.* 7*s.* 9*d.* Sleaford.

13. Worcester. The exhibition was held in a large building near the railway station, and comprised the products of the county of Worcester, artistic and industrial, together with a collection of pictures, articles of vertu and antiquities. The exhibition was open 80 days from 18th July to 18th October, for the promotion of art education, the stimulation of industrial activity, inventiveness and taste, and the illustration of the history and industries of Worcestershire. The number of visitors was 222,807, the receipts 10,200*l.*, and the surplus reported was 2,000*l.* The number of objects sent from the Museum was 254, the estimated value of which was 4,495*l.* 19*s.* 4*d.* The extra cost to the Department for carriage, attendance, &c., was 50*l.* Worcester.

14. Crieff; Morison's Academy. The exhibition was open 14 days, from 7th to 22nd August, to promote artistic knowledge in households, and among the manufacturing people of the district. The number of visitors was 7,200, the receipts were 220*l.* The Committee reported a small surplus. The number of objects sent from the Museum was 423, the estimated value of which was 2,876*l.* 15*s.* 7*d.* The extra cost to the Department for carriage, attendance, &c., was 28*l.* 14*s.* 5*d.* Crieff.

15. Helensburgh, Glasgow; School of Art. The exhibition was open 13 days, from 2nd to 16th September, for the promotion of the interests of the School of Art. The number of visitors was 3,200, the receipts 35*l.* 0*s.* 1*d.* The Committee reported a deficit. The number of objects sent from the Museum was 423, the estimated value of which was 2,876*l.* 15*s.* 7*d.* The extra cost to the Department for carriage, attendance, &c., was 31*l.* 1*s.* 3*d.* Helensburgh.

16. Falmouth; the Polytechnic Hall. The exhibition was open 11 days, from 5th to 16th September, to commemorate the jubilee year of the Polytechnic Society, one of the earliest of its class established in England. The number of visitors was 6,000, the receipts 308*l.* 9*s.* 5*d.* A surplus of 100*l.* was reported. The number of objects sent from the Museum was 207, the estimated value of which was 1,449*l.* 18*s.* 8*d.* The extra cost to the Department for carriage, attendance, &c., was 31*l.* 9*s.* 10*d.* Falmouth.

17. Vauxhall; London and South Western Railway Institute, Brunswick House, 54, Wandsworth Road. The exhibition was open 25 days, from 23rd September to 21st October, for the purpose of exhibiting the industries of the working classes. The number of visitors was 17,134, the receipts 556*l.* 11*s.* 5*d.* A surplus of 145*l.* 7*s.* 1*d.* was reported. The number of objects sent from the Museum was 105, the estimated value of which was 1,040*l.* 9*s.* 8*d.* The extra cost to the Department of carriage, attendance, &c., was 11*s.* 4*d.* Vauxhall.

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Rugby.

18. Rugby; Art Museum, Rugby School. The exhibition was open 79 days, from 25th September to 20th December, for the encouragement of art in the school and town of Rugby. The number of visitors was 3,000. The admission was free. The number of objects sent from the Museum was 140, the estimated value of which was 1,930*l.* 10*s.* The extra cost to the Department for carriage, attendance, &c., was 13*l.* 6*s.* 10*d.*

Poole.

19. Poole; Assembly Rooms. The exhibition was open six days, from 23rd to 28th October, to induce the inhabitants of Poole and the neighbourhood generally to take a greater interest in works of Art, &c. The number of visitors was 1,900, the receipts 93*l.* 11*s.* A deficit was reported.

Swaffham.

20. Swaffham; Assembly Rooms. The exhibition was open 12 days, from 23rd October to 4th November, to promote the establishment of an Art Class. The number of visitors was 2,576, the receipts 168*l.* 12*s.* 6*d.* A surplus of 11*l.* 5*s.* 9*d.* was reported. The number of objects sent from the Museum was 224, the estimated value of which was 1,907*l.* 14*s.* 5*d.* The extra cost to the Department for carriage, attendance, &c., was 16*l.* 1*s.* 7*d.*

Reproductions. Electrotypes.

REPRODUCTIONS.—*Electrotypes.*—The electrotypes acquired during the year include a selection of examples from the gold and silver plate in the Special Loan Exhibition of Spanish and Portuguese Art held in 1881, which the owners liberally allowed to be moulded for reproduction for the use of this Museum.

Portuguese plate.

The more important specimens are a tazza of silver-gilt, with floral decorations in repoussé, early 16th century Portuguese work, the property of the king of Portugal; and from the collection lent by the Royal Academy of the Fine Arts, Lisbon, a silver pax, with figures of saints in relief on grouped columns supporting a canopy of gothic open work tracery, over a representation in relief of the Virgin and Child on a crescent moon, with angels; Portuguese work of the end of the 15th century: another pax of silver-gilt, with a representation in relief of the Descent from the Cross, in a classic portico, Portuguese work, dated 1534: a chalice and a monstrance, with open work tracery, both of silver-gilt, with figures of saints in repoussé on the bases; Portuguese work of the 15th century: a large silver and partly gilt coffret, of architectonic design, the lid in the form of a tomb, with figures of kneeling and sleeping soldiers, the body composed of arches and columns with figures in relief, and panels in repoussé, with scenes from the life of Christ, part of the interior and the whole of the exterior elaborately chased and engraved with ornaments; Portuguese work of the end of the 15th century: a cup and cover of silver-gilt, with floral ornament in repoussé; Portuguese work of 16th century: a silver-gilt tazza of rich floral ornament in repoussé; Portuguese work of the early part of the 17th century: and an elegant Hour glass stand of silver-gilt of 17th century, also Portuguese work.

Col. G. Sandemann's plate.

Colonel G. Sandemann also permitted copies to be made of two of the salvers lent by him, one of silver-gilt, Portuguese work, about 1480, covered with foliage ornaments in repoussé; the other of Spanish work, also of silver-gilt, about the end of the 16th century.

Italian medal.

A copy of an Italian medal, hitherto unknown, representing Roderigo Duke of Urbino, and on the reverse St. George and the Dragon, has been presented by J. C. Robinson, Esq. It is believed to have been made by Bertoldo, a pupil of Donatello, and was struck on the occasion of the Duke having been made a Knight of the Garter by Edward IV.

Plaster Casts.

PLASTER CASTS.—The additions to the collection have included a copy of the head of the Virgin by Michael Angelo, in the Lorenzo Chapel, Florence; six panels of figures by Jean Goujon, originally in La Fontaine

d'Innocents, Paris, now in the Louvre. A collection of reproductions contributed to the special Loan Exhibition of Scandinavian Art held in 1882, afforded opportunities for acquiring copies of casts of upwards of 100 examples of the stone, iron, and bronze implements, weapons, &c. in the Royal Museum of Northern Antiquities at Copenhagen a doorway of the church of Aal, in Hallingdal, Norway, with interlaced foliage and serpent ornament of the 11th or early 12th century; a chair, carved wood, from Tyldalen Church, in Ostrodalen, Norway; also nine door-posts and panels of carved wood, Norwegian, 14th and 15th centuries; and a carved wood altar, decorated with gilded copper plates, from the church of Lesbjeig, Jutland, of the 12th century. Scandinavian objects

The Minister of Public Instruction of Italy has presented some casts of architectural details recently found in excavating the hall of the Terne d'Agrippa, near the Pantheon, Rome. Casts of Roman details.

By permission of the Vicar of Gosforth, the Rev. J. Wordsworth, and with the co-operation of Charles A. Parker, Esq., M.D., a mould has been taken of the monolithic cross in the churchyard of Gosforth, Cumberland. The four sides of the upper half are sculptured with subjects * derived from Christian and Northern mythology, and at the top is an encircled cross with interlaced work, the trequetras, knots, &c. A pillar in the adjacent church-yard of Ireton with runic ornament has also been moulded. Cast of Gosforth Cross. Ireton pillar.

From the Royal Museum at Buda Pesth, a collection of casts of the carved wood moulds of 16th and 17th century used for stamping and decorating bread and cakes has been acquired by exchange. Decorative moulds for bread.

A large collection of casts from the Antique, selected to represent the history and development of ancient sculpture, has been collected and is in the course of arrangement. Casts from the antique.

The Art Library.

Mr. R. H. Soden Smith, F.S.A., the Keeper of the National Art Library, reports as follows:—

1. The attendance in the Art Library during the past year shows a slight decrease, the numbers being 24,883 against 25,462 in 1881. This is due to failure of attendance on the part of students of the Art schools, as the number of subscribers has increased during the year by 355.

2. The portion of the structure of the new Library which has been some years in erection, and is now externally completed, has not yet received its internal fittings; the collections of books, prints, &c. will be obliged to remain for sometime longer in their present inconvenient and over-crowded temporary quarters.

3. It has been impossible in the present state of the book shelves, to carry out at all fully the system of classification upon which the contents of the Library have been arranged some years ago, but the classed lists of books to which allusion will be made presently have served in some degree to obviate this inconvenience.

4. Bookbinding in distinguishing colours for the various classes of the books has been carried on as heretofore, 433 volumes have been bound; 16 repaired.

5. The number of volumes acquired has been 1,941.

Among the works presented is a good copy of the great work on the Antiquities of Herculaneum, published in the last century by the

* See "The Roman Crosses of Gosforth, Cumberland, described and explained by Charles A. Parker, M.D.; Williams and Norgate, London.

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Neapolitan Government, "Le Antichità di Ercolano esposte," &c. 9 vols., fol., Napoli, 1755–92. This was given by Alexander Malcolm, Esq. The same donor also presented, as a fine specimen of Italian typography, the works of Horace, "Q. Horatii Flacci Opera," fol., Parma, 1791, printed at the celebrated Bodoni press.

Among the books purchased, is an interesting addition to the important collection possessed by the Art Library of old lace pattern books, namely, the "Libro Secondo" of Vavasore's rare set of Venetian patterns, published 1550; a rare edition (fol., Paris, 1532) of Albert Dürer's Elements of Geometry; the fac-simile reproductions of the works of Lucas Van Leyden, with text by Duplessis, fol., Paris, 1882; Ploos Van Amstel's collection d'imitations de dessins d'apres les principaux Maîtres Hollandais and Flamands, &c., fol., 1821; Visconti, opere varie Italiane e Francesi, Milan, 1827, together with Il Museo Pio-Clementino; Il Museo Chiaramonti; Iconographie Grecque; in all 11 volumes; Rockstuhl and Bogdanoff, Arsenal de Tsarkoé-Sélo, fol., St. Petersburg, 1869; Drummond's Ancient Scottish Weapons, illustrated from a series of drawings, 4to., 1881.

6. To the section of illustrations of printing and book-ornament some additions have been made; besides the fine specimen already alluded to of the work of the Bodoni press may be mentioned, "Manuale Chorale," &c., a good example of Gothic letter with rubricated initials, printed probably at Augsburg, about 1595; also, "Breviarium Romanum,' Gothic letters rubricated, fol., Venice (Jenson), 1478.

7. Some additions have been made to the collection of bookbindings, but the zeal of foreign and other collectors in this direction has so greatly raised the prices of specimens, that it becomes more and more difficult for the Art Library to secure good examples. A fine specimen of Portuguese bookbinding of the latter half of the last century has been obtained, a 4to. in red morocco richly tooled and gilt; also a fair example of Dublin work in red morocco of 1745; and a rich English specimen of the early part of the last century, from the Sunderland library; two of the stamped pigskin bindings of the 16th century, and a good stamped vellum of the same period have been acquired.

8. Duplicate copies of a considerable number of works in constant use have been purchased, but many more are yet needed, especially to supply the wants of provincial schools which have the privilege of drawing on the central library. Some of the books purchased, and others noted to get, are becoming rare and rising in value, and can only be obtained by the chance of library sales.

9. The collection of original drawings has been increased by 2,023. Among interesting additions the following may be noted:—At the sale of some of the works of the late William Burges, A.R.A., eight large volumes of his valuable studies and sketches were secured for the Library, containing a great number of illustrations of ecclesiastical metal work, mosaics, woodwork, furniture, architecture, and decoration. Some admirably coloured drawings of Russian ecclesiastical art objects by Mr. Nicholas Martinov, of Moscow, have been added, an arrangement having been made with the artist for their execution on the occasion of the visit paid by the Director of the Museum to Russia, when I had the opportunity, in his company, of seeing M. Martinov's excellent work. A series of 44 drawings of patterns of embroidery from Scinde; a collection in two large volumes of English architectural designs, of the last century, including also chimney-pieces, monuments, &c.; various illustrations of painted glass, encaustic tiles, &c.; German designs, of the present century, for furniture and household objects; the series of careful coloured drawings of the great enamelled shrine of St. Albinus, executed by Mr. Geo. Fuchs, of Cologne, has been continued.

The collection of illuminations, has been enriched by some very fine initial letters from MSS. of the 14th and 15th centuries; also 121 sheets of a choral book of Flemish work.

10. To the collections of engravings, woodcuts, and etchings considerable additions to complete the various series have been made, amounting in all to 12,534. The following may be mentioned:—A collection of 356 illustrations of fonts; 87 initial letters, some rare and fine; a large number of other woodcut and copper-plate initial letters, have been from time to time added to complete the important collection of these interesting specimens of book-ornament already in the Library; a set of impressions of the original issue of the Triumph of Maximilian, by Burgmair; 21 proofs of etchings of the Etching Club.

11. The number of photographs acquired has been 2,324, of which total 1,249 have been presented. Among these latter is a large collection bequeathed by Thomas J. Margrave, Esq., of photographs from paintings of the Italian and other schools, and of portraits of artists and others; A series of 76 illustrations of Russian Architecture and Art objects presented by the Imperial Government. Among the purchases may be mentioned a series of 101 photographs of the ancient cities and architectural remains in Ceylon; also a collection of 88 photographs of examples of artistic lace of various periods.

12. 2,121 diagrams, drawings, prints and photographs have been lent to Schools of Art, institutions in the country, or for use in the lecture theatre.

The total number of prints, drawings and photographs at present on loan to Art Museum for exhibition or for circulation, or otherwise in use out of the Library, is upwards of 11,000.

13. The cataloguing of books has been carried on with some diffculty owing to pressure of work on the staff of the Library.

14. The preparation of classed lists of the books in the Art Library, has occupied as much of my time and that of my assistants during the past year as could be devoted to the work; the utility of such lists to students and readers has been proved by the increasing and more intelligent demand for books in the reading room. Up to the present date the following lists have been published, and are sold at the Catalogue Sale stall at prices from 1*d.* upwards:—

List of books on Pottery and Porcelain.
" " Furniture.
" " Lace and Needlework.
" " Heraldry.
" " Painting.
" " Costume.
" " Sculpture.
" " Ornament.
" " Gold and Silversmiths' work.

Of these the lists of Sculpture, Ornament (with index), and Gold and Silversmiths' work, have been brought out during the past year.

Metal work, other than gold and silver, is in preparation, also Architecture, of which one section, engineering and construction, is well advanced, and Artistic Biography; the materials are also being gathered for other classes to complete the series. A new edition of the list of Pottery and Porcelain is in hand, considerable additions to that section of the Library having been made since its first issue.

The tables given at pages 552–560 furnish, 1st, a comparative statement of the statistics of the Library for the last five years; 2nd, the return of the number of readers during the years 1881 and 1882, with the average daily attendance; 3rd, the return of the number of books, diagrams, &c., borrowed by Schools of Art in 1882; 4th, the list of

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donations to the Library; 5th, the list of publications received from museums and other institutions abroad in exchange for the publications issued by this Department; 6th, the return prepared by Dr. Appell, Assistant Keeper, of the number of art books and pamphlets published during the year 1882, classed according to the languages in which they are published.

EDUCATIONAL AND SCIENTIFIC COLLECTIONS.

Mr. A. C. KING, the Keeper of the Educational Library and Collections, reports as follows:—

1. THE LIBRARY.—1,644 books have been added to the Library in 1882, by donation, loan for exhibition, or purchase.

The donations number 676. The following list contains those which call for special notice:—

Agricultural (Royal) Society of England:—
Journal, Second Series. Vol. XVIII. (In continuation.)

American Philosophical Society (Philadelphia):—
Proceedings. Vol. XVI., part 97. Vol. XIX., part 109. (In continuation.)

Australian Museum, Sydney:—
Catalogue of the Australian Stalk and Sessile-eyed Crustacea.

Bath and West of England Society for the Encouragement of Agriculture:—
Journal for 1881. (In continuation.)

Bavarian (Royal) Academy of the Sciences, Munich:—
Proceedings. 14 parts. (In continuation.)

Bourchier, Lady:—
Newspaper cuttings relating to the abdication of Louis Philippe in 1848, and the Chartist movement in England in 1848. Mounted, in 1 vol.

British Museum, Trustees of:—
Catalogue of Passeriformes: Cichlomorphæ. Part III.
Catalogue of Batrachia Salientia s Ecaudata. 2nd edition.
List of Hymenoptera. Vol. I.
Catalogue of additions to the Manuscripts, 1876–1881.
Catalogue of printed books. 26 parts.

Cann-Lippincott, R. C., Esq.:—
Goethe's Sämmtliche Werke. 40 vols. in 20. Half-calf, gilt.
Goethe's Farbenlehre gehörigen Tafeln. Half-calf, gilt.
Goethe's Theory of Colours, translated by C. L. Eastlake.

Coimbra, University of:—
Annuario da Universidade, 1881–2. 1 vol.

Cole, Sir Henry, K.C.B., Executors of:—
190 volumes and two plans, chiefly publications of the Record Office and miscellaneous pamphlets (from 1821 to 1875) bearing on various questions of the day.

Colonial Secretary's Office, Cape Town, Cape of Good Hope:—
Parliamentary Papers. Session 1881. 6 vols.
Blue Book of the Colony, 1881, with Report. 2 vols.

Davison, William, Esq.:—
Greenwood, J. The London Vocabulary. English and Latin. 18th edition. 1782.
Hoole, C. A Century of Epistles. English and Latin. 1660.
Sherwin's Mathematical Tables. 1726.
Wingate, E. Arithmetick, enlarged by Kersey. 14th edition, enlarged by Shelley. 1720.

Felméri, Dr. L., University of Klausenburg, Hungary :—
Report on the present State of Public Instruction in England.—Elementary Education. In Hungarian.
French Government. Préfecture du Département de la Seine :—
Ville de Paris, Annuaire Statistique de la, 1880.
„ École Municipale d'Apprentis. Rapport.
Enseignement Musical dans les Etablissements d'Instruction Publique de Belgique et de Hollande. Rapport de M. Danhauser.
Exercices Manuels dans les Écoles Primaires considérés comme Complément de l'Education. Rapport par A. Corbon.
Organisation des Jeunes Bataillons. Rapport.
Highland and Agricultural Society of Scotland :—
Transactions. Fourth Series. Vol. XIV. (In continuation.)
India Office :—
Reports on Education in India. 10 vols. (In continuation.)
Italian Government :—
Annali di Agricoltura, 1882. Relazione sul Servizio Minerario nel 1879.
Esposizione Universale de 1878 in Parigi. Relazioni dei Giurati Italiani. Classe XIV. and XX. 2 parts. (In continuation.)
Kato, H., Esq., President of Departments of Law, Science, &c., Daigaku, Tokio, Japan :—
Memoirs of the Science Department, Tokio Daigaku, Nos. 4–7.
Calendar of the Departments of Law, Science, and Literature, Tokio Daigaku, 2540–1 (1880–81).
Melbourne, Office of Government Statist :—
McCoy's Prodromus of the Zoology of Victoria. Part 6. (In continuation.)
Meschin, Thomas de, Esq. :—
All the Odes of Pindar, translated by the Rev. J. L. Girdlestone. 1810.
Meteorological Council of the Royal Society :—
Reports, &c., as issued.
Moravo-Silesian (Imperial and Royal) Society of Agriculture, Brünn :—
Mittheilungen der Gesellschaft, 1881.
Rolník, 1881.
Monats-Berichte der Obst-Wein-und Gartenbau Section, 1881.
Schriften der Historisch-Statis. Section. Vol. XXV.
New South Wales, Agent General for :—
New South Wales in 1881.
Technical College at the Sydney Mechanics' School of Arts. Report from the Committee, dated August 1881. 2 editions.
Ontario, Minister of Education :—
Reports for 1880 and 1881. 1 vol.
Prosser, R. B., Esq. :—
20 vols. of School Books of 18th and early 19th century.
Royal Society of New South Wales, Sydney :—
Journal and Proceedings, 1881.
Liversidge, A. Minerals of New South Wales. 2nd edition.
Russian Pedagogic Museum, St. Petersburg :—
Notice sur le Matériel d'Enseignement pour l'Etude de la Géographie.
Première Période Décennale des Lectures pour le Peuple et pour les Soldats.
School Board for London :—
Reports, Minutes of Proceedings, &c., as issued.

Smithsonian Institution, Washington :—
Annual Report for 1880.
List of Foreign Correspondents of the Institution, corrected to January 1882.
Bureau of Ethnology. First Annual Report (1879–80), by J. W. Powell.
Société Jersiaise :—
Bulletin Annuel, Première à Sixième. 6 parts.
Extente de l'Ile de Jersey, 1331, 1274. 2 parts.
Rapport des Commissaires envoyés à Jersey l'an 7 du règne de Henri VIII.
Documents Historiques relatifs aux Iles de la Manche à Londres, 1199–1244.
Trewendt, E. (Breslau) :—
Encyklopædie der Naturwissenschaften. 8 parts, in continuation, as far as published during the year.
United States Commissioner of Education :—
Report, 1879.
Circulars of Information of the Bureau of Education, 1880, Nos. 5 to 7 ; 1881, Nos. 1 to 4.
Various Special Reports.

Twenty-six publishing firms have contributed 336 volumes for exhibition and reference in the reading room.

The return of readers is as follows :—

Managers and teachers of elementary schools, including pupil-teachers - - - -	6,054
Students in Art and Science Schools connected with the Department - - - -	8,826
Persons reading for examination, and miscellaneous visitors - - - - - -	8,312
	23,192

This gives an average of nearly 75 for each of the 310 days on which the Museum was open. In 1881 the number of visitors was 22,784, and the average daily attendance 73.

From June 26 to November 11 the educational reading room was completely isolated from the rest of the Museum, the usual approach being blocked while a portion of the new buildings was in progress, and the only access was by a temporary entrance reached by crossing the Museum garden. As a part of this time was marked by unusually stormy weather, the number of readers was lessened ; otherwise the attendance during the year would have been considerably in advance of that for 1881.

The following is an analysis of the contents of the Library at the close of 1882 :—

—	At end of 1881.	Added in 1882.	Total.
English language and literature, including grammars, reading lessons, poetry, juvenile books, &c. - - - -	6,194	149	6,343
Classical languages and literature - -	2,411	57	2,468

—	At end of 1881.	Added in 1882.	Total.
Modern languages and literature, including examples of school books used in various countries	5,747	73	5,820
Biography and history	2,531	192	2,723
Theology, Church history, &c.	1,037	12	1,049
Works on pedagogy, reports, examination papers, &c.	6,515	286	6,801
Political, domestic, and social economy	1,675	162	1,837
Drawing and writing	917	47	964
Music	1,390	19	1,409
Mathematics	1,733	81	1,814
Geography and astronomy	2,277	91	2,368
Geology and mineralogy	753	54	807
Botany and general natural history	2,474	193	2,667
Chemistry, general physics, and mechanics	2,930	228	3,158
	38,584	1,644	40,228
Special collections of books not separately classified	4,871	- -	4,871
Total	43,455	- -	45,099

2. The Collection of Educational and Scientific Apparatus.—The examples of school furniture and other appliances for elementary education have undergone little change since the last annual report. Eleven models of desks, &c. have been added, and four exchanged for newer models.

A typical case of "Stuffs and Things" has been lent for exhibition by Professor Guthrie as an example of the objects suited to illustrate his "First Book of Knowledge." Thomas Twining, Esq., of Twickenham, exhibits a collection destined eventually for the Parkes Museum of Hygiene, and illustrating the chemistry of food as described in his work, "Familiar Lessons on Food and Nutrition." A series of 121 plaster models of geometrical form, architectural ornament, &c., prepared for use in French Schools of Art, has been purchased.

Eleven firms have sent examples of their scientific apparatus for exhibition in the western galleries, where, in addition to the permanent collection, there is still on view a large residuum of the contributions to the special Loan Collection of Scientific Apparatus formed in 1876, and not yet withdrawn by the owners, including several objects of great value and importance.

Altogether 365 models, maps, and diagrams, and 73 miscellaneous examples of educational appliances have been added to the collections during 1882.

In the course of the year all the examples in the educational and scientific collections, actually the property of the Museum, have had numbers affixed to them, and a special register is now in progress.

Collections of scientific apparatus have been lent for class instruction to 78 science classes in various parts of England and Ireland during the past year. A list of these is given on page 335. The apparatus has also been freely drawn upon for the illustration of lectures in the various classes of the Normal School of Science, and cases have fre-

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quently been opened to give teachers visiting the galleries with their pupils opportunities of freely examining objects.

Special loans of apparatus for exhibition were made to the following institutions :—

1. *Industrial and Fine Art Exhibition, Peterborough.*—Held in connexion with the Working Men's Club and Institute. The number of instruments lent was 40, consisting principally of surveying and astronomical apparatus. The exhibition was open from the 17th to the 29th of April. The number of visitors was 28,553, and the receipts 950*l.*

2. *Scientific and Industrial Exhibition, Penzance.*—Held to provide funds to furnish a laboratory for the use of the science classes of the town. The Museum lent 257 instruments, principally by foreign makers. The exhibition was open from the 25th September to the 5th October. The number of visitors was 6,413, and the receipts 238*l.* 15*s.* 10*d.*

3. *Public Museum, Sheffield.*—Eleven cases containing insects, with illustrations of specimens not easily procurable, the whole arranged as "gardeners' friends and gardeners' foes."

4. *International Fisheries Exhibition, Edinburgh.*—Examples of deep sea sounding apparatus were lent to this exhibition from the 13th April to the 4th May.

5. *Birmingham School Board.*—For the use of the Science Demonstrator the Museum granted loans for three months of collections illustrating the analysis of food.

The Pitt-Rivers Anthropological Collection remains on view in the western galleries. Several of the cases have been re-arranged and many labels added, but no other changes of importance have been made.

DYCE AND FORSTER COLLECTIONS.

Mr. R. F. SKETCHLEY reports as follows :—

During the past year (1882) the number of visits to the reading room amounted to 1,926, and the issues of books and manuscripts to visitors to 4,014. Compared with the year 1881 these figures show a decrease of 155 visits, but an increase of 126 issues. It is satisfactory to be able to state that the libraries continue to be very useful to students and others engaged in literary research.

25 prints and drawings were also issued from the Dyce Collection.

41 permissions were granted to copy 23 paintings and drawings in the two collections.

A collection of 402 playbills, part of the Dyce Bequest, has been laid down in two bound volumes for public inspection.

Important and interesting additions have been made to the manuscript section of the Forster Collection. These include letters and other memorials of Thomas Carlyle, R. W. Emerson, Sir Arthur Helps, John Leech, C. R. Leslie, R.A., H. W. Longfellow, J. G. Lough, D. Maclise, R.A., Mazzini, and James Spedding.

A pencil portrait of David Garrick, perhaps the last likeness taken of him, by E. Edwards, A.R.A., has been added to the Forster pictures.

The printing of the catalogue of the Forster Collection, will, it is expected, be commenced in the course of the present year.

COLLECTIONS IN THE EXHIBITION OF 1862 GALLERIES.

Mr. H. SANDHAM, Assistant Keeper in charge of the following six collections of the Museum, reports as follows :—

1. MUSEUM OF BUILDING MATERIALS AND MODELS OF CONSTRUCTION.—No change of importance has taken place in this section

of the Museum collection during the year 1882. The models illustrating buildings, and methods of construction, have been arranged and displayed in the room vacated in 1881 by the collection of munitions of war. They form an excellent entrance display, and with practical drawings hung on the walls of the room much serviceable instruction can be obtained. The gallery leading to the Indian section has also been remodelled, but owing to pressure of more important work in other parts of the Museum I have not been able to complete the arrangement, and the final organisation of this gallery remains to be carried out in 1883. Appendix E. — Report on South Kensington Museum.

The following list shows the changes which have occurred in the building material section :—

Donations.

Additions.

Model of cast-iron, single-span bridge over the Severn at Coalbrookdale. Abraham Darby, 1777–1779. The first iron bridge erected in Britain.
Presented by the Council of the Society of Arts, John Street, Adelphi, W.C.

Three models in cork, ancient Etruscan temples. 400 to 300 B.C.

Slab of elastic sandstone from Delhi, 1851.
Presented by Mrs. Hamilton Gray, Bolsover Castle, Yorkshire.

Loans.

Loans.

Three samples of Brooke's patent ribbed stoneware drain pipes.
Messrs. Warner, Walduck, and Co., agents to E. Brooke, Huddersfield.

14 samples glazed ornamental fire-clay bricks.
The Farnley Ironworks Company, Farnley, Leeds.

Full size specimen of drain-trap and grid, with duplex cesspool trap and cleaner. Hagen's patent.
The Farnley Ironworks Company, Farnley, Leeds,

Withdrawals.

Withdrawals.

Show case, containing samples of nails, clouts, spikes, &c.
Messrs. Bloomer and Son, Halesowen, Birmingham.

Labelling.

The labelling of the examples in the Museum of building materials and models of construction has been undertaken *de novo* during the year. 380 labels were re-written and attached to the objects concerned.

Bee Culture.—A small space in the gallery devoted to terra cotta and its application to architectural decoration was prepared during the year for a collection of bee hives, comb sections and frames, and other apparatus used in bee and honey culture, exhibited by the British Bee Keepers' Association. I referred to this subject in my report for the year 1881. During the summer the Association stocked a couple of hives with live bees. They were put out of doors, throve fairly well, and produced some honey. Want of flowers in close proximity to the experiment seemed detrimental to carrying out the idea of live bee keeping and of thus showing to the public the method now most approved by the British Bee Keepers' Association for cultivating bees and honey. In the autumn the bees swarmed; the swarm was captured and a queen bee reinstated in a hive. The swarm has since thriven fairly well. The bees are fed. Mr. Henry Jonas, the secretary of the Bee Keepers' Association, has given his valuable services and knowledge throughout the year to the care and necessary treatment of the live

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bees. The collection of bee culture apparatus lent by the Association is carefully displayed and efficiently labelled.

2. COLLECTION OF SHIP MODELS AND MARINE ENGINEERING.—This collection continues to be an attractive feature amongst the various sections of the museum. During the year 1882 some valuable additional models of ocean-going steamships were lent to the collection by owners, ship builders, and engineers. At Edinburgh, in the early part of the year, and at Tynemouth in the autumn, were held remarkable exhibitions of some branches of marine enterprise. The exhibition at Edinburgh related exclusively to fish culture and capture. From this display were obtained loans of models of steam trawlers and fishing smacks at work on the coast of Scotland, which are highly interesting, and enhance a group in the collection of ship models previously very weak. At Tynemouth the display of marine models and engineering was carried out on a large and very complete scale; the principal feature being marine engines and machinery in actual motion under steam, supplied in some instances by their own marine boilers. From this display, also, the collection of ship models in the museum derived considerable benefit by the kindness of exhibitors at Tynemouth in acceding to the request of the Department for loans.

The following list shows the nature of the additional models contributed during the year:—

Donations.

A self-registering ship's log. Designed by the donor, Mr. B. T. Moore, with a view of overcoming the liability in ships' logs to jump clean out of the sea, and so lose accuracy.

Loans.

Whole model of the SS. "Ottawa" and others. The Mississipi and Dominion Line, Liverpool.

Coloured moving diagram of the engines of the SS. "Ottawa" and others.

Coloured drawing of the SS. "Vancouver," 1882. 5,700 gross reg. tons. The Mississipi and Dominion Line, Liverpool.

Messrs. Flinn, Main, and Montgomery, Harvey Buildings, Liverpool.

Whole model, full rigged. The cutter racing yacht "Formosa," 103 tons. Built by Ratsey, 1879.

Mr. H. J. Pope, Coastguard, Hastings.

Ships' tackle, comprising blocks, sheaves, fair-leads, dead-eyes, pins, &c.

Mr. J. E. Dickinson, Liver Block Works, Liverpool.

Six half models. Racing and pleasure yachts. "Zenobia," steam yacht, 1874, 148 tons. 120 ton, cruising schooner. 20 ton, racing cutter, "Louise," 1879. 26 ton, cruising cutter. 20 ton, cruising cutter, "Vanda," 1882. 83 ton, cutter yacht.

Messrs. Alfred Payne and Sons, Southampton.

Whole model. Steam fishing trawler, "Scotsman." 35 N.H.P. Coloured detail drawing of same.

Whole model. Steam fishing boat, "Edina." 65 feet. 20 N.H.P.

Mr. William Jarvis, Anstruther, N. B.

Whole model. Steam fishing boat, "Rob Roy."

Whole model. Steam trawler, "Hawk."

Messrs. A. G. Gifford and Co., Leith.

Whole model. Royal Mail Cape of Good Hope liner, SS. "Moor." Steel built, 1882. 4,500 gr. reg. tons. 4,000 I.H.P.
The Union Royal Cape Mail Steam Ship Company, Leadenhall Street, E.C.

Four half-models of sailing barges. Topsail barge. Ketch or schooner barge. 86 feet sailing barge. 84 feet sailing barge.
Messrs. Surridge and Sons, Millwall, E.

Whole model. The Anchor Line, Liverpool, SS. "City of Rome." Steel built, 1882. 8,415 tons, B.M. 10,000 I.H.P.

Half model. Designed swift paddle steamer, "Barrow Express." St. George's Channel service.
The Barrow Shipbuilding and Engineering Company, Barrow-in-Furness.

Whole model. North Sea sailing trawler, hailing from Lowestoft.
Mr. E. Jex, 27, St. Mary-at-Hill, E.C.

Five models. After parts of screw steamships, showing Mr. R. Griffiths's improvements in arrangements for the efficiency and protection of screws.
Mr. R. Griffiths, 14, Gresham Street, E.C.

Half model. The Orient Line Company's SS. "Orient," 1879. Tons, gr. reg. 5,386. N.H.P., 1,000.

Half model. The Orient Line Company's SS. "Austral." Steel built, 1882. Displacement, 9,500 tons. I.H.P., 6,000.
The Orient Steam Navigation Company, 13, Fenchurch Avenue, E.C.

Whole model. H.M.S. double turret armour-plated screw ship of war, "Neptune." Iron built, 1876. Displacement, 9,000 tons. I.H.P., 8,500.

Whole model. H.M.S. twin screw, armour-plated central battery ships, "Orion" and "Belleisle." Iron built, 1876–1879. Displacement, 4,700 tons. I.H.P., 3,900.
Messrs. Samuda Brothers, Poplar, E.

Chronometers. One 2-day ships' chronometer.
Mr. Victor Kullberg, 105, Liverpool Road, N.

Ships' log. Mr. B. T. Moore's self-registering ships' log. The "Broad Arrow."
Mr. B. T. Moore, Cavendish House, Teddington.

Half model. Fishing trawler of South coast.
Mr. J. C. Hoad, Rye, Sussex.

Whole model The SS. "Vindobala," Iron. Nett reg. tons, 1,134. N.H.P., 200.

Whole model. Paddle steam tug "Albatross." 140 feet long. N.H.P., 53.
Messrs. Hepple and Co., South Shields.

Half model. Emigrant SS. "Dorset. 1881. Gr. reg. tons, 2,637. I.H.P., 1,800.
Messrs. J. D. Thompson and Sons, Sunderland.

Half model. Designed Atlantic service, steel twin-screw steamship. 10,000 gross reg. tons. 20,000 I.H.P.
Messrs. Archibald Macmillan and Co., Dumbarton.

Drawings. Two coloured diagrams. Heathorn's submarine foundations. 1865.
Captain T. B. Heathorn, Wilton Place, S.W.

Model. The slipway and works of the Wallsend Slipway and Engineering Company, Wallsend, Newcastle.

Drawings. Two working drawings, on 1 in. to 1 ft. scale. The engines and boilers, &c., of the SS. "Batoum." 1882. Russian Steam Navigation Company. I.H.P., 1,700.

Photographs, framed and glazed. Marine engines of SS. "Sheik," and others, 1,100 I.H.P.
The Wallsend Slipway and Engineering Company, Wallsend, Newcastle-on-Tyne.

Photograph. Three cylinder, triple expansion compound marine engines of SS. "Albertina," 1881, and others. 695 gr. reg. tons.
Messrs. Douglas and Grant, Engineers, Kirkcaldy.
Messrs. Fisher, Renwick, and Co., Newcastle.

Photographs. Two photographs of submarine boat. Iron built. Garrett's patent. 1879.
Messrs. Cochran and Co., Engineers, Birkenhead.

Removals.

Half models. The SS. "Cathay," "Venetia," "Teheran," "Zambesi," "Indus," "Bangalore," China," "Tanjore;" all vessels of the Peninsular and Oriental Company's service.
The Peninsular and Oriental Steamship Company.

Model. After part of a screw steamer, showing arrangements for protecting, &c. the screw.
Mr. R. Griffiths, Gresham Street, E.C.

Ships' pump. Working ships' pump; full size.

Scuttles, ships'. Six examples of ships' scuttles; brass and galvanised iron fittings.
Messrs. Josiah Stone and Co., Deptford.

Whole model. Atlantic screw steamship, designed 1877.
Palmer's Shipbuilding Company, Jarrow.

Whole model. The Imperial Russian steam screw yacht "Livadia," 1880. Tons, Y.M. 11,802. I.H.P. 10,500.
Messrs. John Elder and Co., Govan, Glasgow.

Marine engine governor. Dunlop's patent, 1873.
Messrs. J. D. Dunlop and Co., Port Glasgow.

Models. Nine pleasure and racing boats.
Mr. W. H. Biffen, Bedford.

Chronometers. Two 2-day ships' chronometers.
Mr. Victor Kullberg, Liverpool Road, N.

Boat. Small boat constructed from ships' lumber.
Captain G. Drewar.

Models. Two half models of sailing barges.
Messrs. Surridge and Sons, Millwall, E.

Models. Old sailing brigs, "Brotherly Love," 1764, "Antelope," 1757. A Shields coble. Mast of "Nelson," H.M.'s ship of war.
Mr. James Young, South Shields.

Half models. Six half models; steam and sailing yachts.
Messrs. Alfred Payne and Sons, Southampton.

Whole model. Yacht construction, lines, &c. Wood.
Mr. J. D. Rennie, Greenock.

Model. After part of a screw steamer showing new arrangement and protection for the screw.
Mr. R. Griffiths, Gresham Street, E.C.

Labelling. The labelling of the collection of ship models and marine engineering has been duly maintained throughout the year, during which 176 labels have been written and attached to the objects concerned.

3. Collection of Models of Machinery.—This collection remains without much alteration. During the year 1882 it has been

somewhat re-arranged and grouped, and thus objects relating to a particular branch of civil engineering now stand relatively together, so far as circumstances permit. Much interest has been evinced with regard to the collection of the original models of machines constructed by James Watt, presented in 1876 to the Museum by Messrs. James Watt and Co., Soho Works, Birmingham. The Institution of Mechanical Engineers, Westminster, made formal application for permission to photograph these interesting and celebrated models in behalf of their institution. The Department undertook, however, to have photographs taken of these models, and to present a set of them to the Institution of Mechanical Engineers. This work has been carried out. The models also have been carefully cleaned up and put into a working state, so that the moving parts can now be shown, when desirable, actually in motion. The models are very exhaustive illustrations of the inventive fertility of James Watt.

The collection of machine models has maintained full interest during the year 1882; the following statement shows the additions and changes which have taken place :—

Donations.

Photograph. The inverted cylinder, triple expansion, compound engines of the S.S. "Aberdeen"; built 1881. Gross register tons, 3616. I.H.P. 2,700.
Presented by Messrs. R. Napier and Sons, Engineers and Shipbuilders, Glasgow.

Loans.

Two iron chairs with piece of rail, full size, showing improvements in Matthew's system of patent iron eccentric keys or wedges for holding the metals in place in the chairs.
Messrs. Warner, Walduck, and Co., 148, Gresham House, E.C.

A set of inverted 2-cylinder compound condensing engines of 20 nominal horse-power for a screw steam yacht.
Messrs. J. Copley and Co., Engineers, Vulcan Works, Middlesborough.

Sectional model. Marine boiler, showing Livet's patent duplex fire-bars, and graduated diameter return flues.

Model. Cornish boiler, showing setting; and Livet's gradually expanding flues.

Sectional model. Wery's Atmospheric Funnels for steamships.
Livet's Patent Improved Boiler and Furnace Company, 2, Short Street, Finsbury, E.C.

Locomotive engine. A small tank engine for 18-inch guage railways. Cylinders, 4 inches diameter. Stroke, 8 inches.

Set of steel rails, 18 inches guage. Kerr's patent.
Messrs. W. B. Dick and Co., 101, Leadenhall Street, E.C.

Model. A Great Northern Railway 8-wheel express locomotive engine. Designed by Patrick Sterling, and constructed 1877.
The Culzean Steam Launch and Engine Works, Maybole, N.B.

Model. Steam pile-driver working model.
Messrs. Sissons and White, Hull.

Model. Midgley's patent vertical steam boiler. Constructed from 6 to 30 horse-power.
Mr. D. Midgley, Viaduct Works, Stanningley, Leeds.

Full-size patent vacuum double emery wheel grinding machine, with exhaust-dust fan.
The Standard Emery Wheel Company, Greek Street, Soho.

Four photographs. Views of the engines of the Orient Steam Navigation Company's S.S. "Orient." Built 1879. N.H.P. 1,000.
The Orient Steam Navigation Company, 13, Fenchurch Avenue, E.C.

Street lamp and lantern. English's patent. For burning in exposed situations.

Railway carriage and ship's lamp; burning paraffin oil, 1879.

Railway carriage lamp; burning rape oil. Light equalling six candles standard.
Mr. Alexander Kelly, 59, Mark Lane, E.C.

Small 2-cylinder inverted marine engines, for screw steam launches. Cylinders, 4 inches diameter. Stroke, 6 inches.
Messrs. Allen and Maclellan, Engineers, Glasgow.

Photographs. Front and end views; triple expansion, high pressure, inverted cylinder marine engines for screw steamers.
The Wallsend Slipway and Engineering Company, Newcastle-on-Tyne.

Withdrawals.

A set of inverted cylinder compound condensing screw engines, 20 nominal horse-power, for yachts.
Messrs. J. Copley and Co., Vulcan Works, Middlesborough.

Purchase. A small purchase was made during the year of a working model illustrating a proposal by Mr. B. Smith in 1838–9 for working broad and narrow gauge trains on the same permanent way. The model was submitted to Brunel for his opinion, and was exhibited by Mr. Smith at the Great Exhibition of 1851.

Labelling. Seventy-five labels were written during the year for various objects and models in the machinery model collection. All the objects are efficiently labelled in an explanatory manner.

Catalogues. The catalogue raisonné of the machinery model collection has been increased by the issue of a supplement containing a detailed account of each new object received and exhibited up to midsummer.

4. BUCKLAND FISH CULTURE MUSEUM.—Contributions from this collection were sent for exhibition at the local exhibitions held during the year 1882, at Edinburgh, Falmouth, and Tynemouth. In each case a selection was arranged from the Museum suitable to the localities concerned; and it would appear that the specimens sent, plaster casts and preserved specimens of fish, met with much appreciation at the respective enterprises.

The living specimens in the Museum have been well maintained, and not a few examples of the commoner sorts of fish, such as herrings, sprats, flat fish, perch, and the like, have been kept in captivity during the year. The collection labours under severe disadvantages, the thoroughfare into the gardens of the Royal Horticultural Society across it compelling a constant traffic to be permitted, which precludes all chance for visitors' comfort, proper attention, and quietude in the collection.

Donation. Dr. Francis Day of Cheltenham has, during the year, presented in his name and with desire to be recognised as the "Day Collection," a series of some 250 specimens of fish of British waters. The specimens have been carefully described and labelled by Dr. Day before transmission from Cheltenham. Copies of these labels have been kept and a list made of the preserved fish themselves, giving sizes, so that at any time

the specimens now preserved in jars with spirit can be placed into glass bottles and exhibited as a whole. It is probable that the proposed International Fisheries Exhibition of 1883 may offer opportunity for a very considerable development of the Buckland collection, which deserves a much better locality and position than it now occupies, seeing that great use of, and reference to it, is made by persons interested in the breeding, culture, and life of fish.

5. COLLECTION OF ANCIENT OBJECTS LENT BY THE PALESTINE EXPLORATION FUND [SOCIETY.—This collection has during the year 1882 remained without any alteration or change in the number of objects lent by the Society for exhibition. The collection has been duly tended throughout the year, and it is hoped that early in 1883 a proposed slight re-arrangement will render it more prominent to visitors.

6. INDIAN SECTION COLLECTION.—The portion of this collection under my care, comprising Indian native coasting vessels; boats, sea and river; and vehicles for land transport; together with models of native agricultural implements and manufacturing machines has stood without alteration. The labelling, cleaning, arrangement, and general care of the collection has been duly seen to during the year 1882. The interest taken in the collection as a whole would appear, so far as I have observed, to continue unabated.

BETHNAL GREEN BRANCH MUSEUM.

Mr. C. B. WORSNOP, the resident Assistant Keeper in charge, reports as follows:—

ART DIVISION.—This has been enriched by a collection of 264 oil paintings lent by the Marquis of Bute, K.T. The arrangement of these was only completed just before the Christmas holidays.

During the year the withdrawals were—

219 oil paintings.
233 water-colour drawings.
52 art objects.

The new loans were—

271 oil paintings.
79 water-colour drawings.
118 art objects.

In the ornamental art division some rich examples of modern French tapestry, &c., have been added.

ANIMAL PRODUCTS COLLECTION.—The work of absorbing the large collection of wool, leather, birds, &c., transferred from the Indian Museum and the stores of Her Majesty's Commissioners of the Exhibition of 1851 was carried on without relaxation, whilst some 1,076 objects have been labelled.

The donations are—

Specimens of hair dressing. Maw Isle, West Pacific, from Mrs. E. Putman.

Specimens of Indian leather (102).

The purchases have been silk scarfs (2) from Madagascar, collection of pearls from freshwater mussel and other shells, purchased at the late Professor Tennant's sale, and 94 examples of fleeces, yarns, &c., from the Crystal Palace Woollen Exhibition 1881.

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

WASTE PRODUCTS COLLECTION.—This collection has been removed from the north to the south basement and entirely re-arranged and re-labelled. In the better light the visitors have taken an increased interest in the collection. 11 new specimens have been added during the year.

FOOD DIVISION.—Considerable additions have been made to this collection, Professor Church continuing the scientific supervision.

The donations are—

Sunflower seeds in situ; rhizome of ginger (in fluid); Mandarin caper tea; Durian fruit (in fluid), Singapore; oil from soy beans, China; beans from India and Japan; Salep Lycia, Asia Minor; Ochro fruit (in fluid), India; foliage of coffee (2), tea, cocoa, olive, maté, vanilla pomegranate, cinnamon (2), black pepper, cloves, orange, lemon.
From the Royal Gardens, Kew.

Manna (2), Turkey and India.
From Mr. F. Moore.

Pemmican or desiccated beef.
From Mr. T. Christy.

Cocoa Seeds and Chocolate, Ceylon.
From Mr. T. J. Day.

Hen's egg, $\frac{13}{16}$ in. in length.
From Mr. A. Olding.

Photographs (18) illustrating the manufacture of tea in India.

The purchases have been—

Honey from California, Chili, Australia, and Portugal; essential oils (for flavouring) of lemon, orange (2), citron, juniper, cassia coriander, peach kernels, almonds, cumin, Pimento cloves, mace, dill, cinnamon (2), nutmegs, butter preservatives (3); coumarine, the aromatic principle of Tonka beans, Californian fruits and vegetables (14), preserved fish (5), herbs, &c. for flavouring purposes (18); preparations of eggs, Austria (3); extract of cocoa; maté (Paraguay tea); Pituri leaves; Kola nuts; sea weed (Eucheuma speciosa), Western Australia; Australian pepper stick; essential oils of bay, celery, parsley, hops, marjoram, pepper, sassafras; crocus bulbs (corrus).
Replaced.

Preserved fruits (48) in exchange for old and perished examples.
From Messrs. Fortnum and Mason.

Consolidated tea, compressed coffee (8), in exchange for stale samples.
From Messrs. Goundry and Co.

ECONOMIC ENTOMOLOGY.—The donations were—

Sugar cane attacked by larvæ of Palm Weevil, with Pupa case of same, Demerara.
From the Royal Gardens, Kew.

Larva of a moth (Hepialus Sp.) attacked by a fungus (Sphoeria Robertsii), Australia.
From Mrs. E. Putman.

Mr. Moore reports that three additional sets of 10 cases have been mounted, containing specimens of injurious insects with coloured illustrations, the same as in original collection; 250 sets of the coloured illustrations have also been prepared for mounting on printed sheets, suitable for distribution throughout the country. Some new cases have been added to the original collection, containing groups of insects not hitherto represented.

Doubleday Collection of Insects.—Students of entomology have taken increased interest in this collection, the return of visitors shows an advance of 598 over those in 1881, the total being 1,596, the greatest number of visitors since it opened in 1876.

Curators of local museums and entomologists, to the number of 271, have made special notes from this collection, for their own guidance in arranging other collections.

Labels.—Written, 1,563. Cut letter, 203. Painted, 140. Printed, 2,387.

The number of visitors during the year 1882 has been 443,692, and 1,577 persons have availed themselves of the opportunities of making sketches, notes, &c., whilst 34 have made detailed copies of objects and pictures, by permission.

The industrial handbooks placed on pedestals in various parts of the building for the use of the general public continue very attractive; notes are made daily, not only by adult visitors, but by board school children for their examinations.

Appendix to Director's Report.

(*a.*) Art Museum.

(1.) List of Contributors and Loans to Art Museum, 1882.

Academy of Arts, Royal. Oil paintings; 2 statues.
Armstrong, T., Esq. Persian quilt; iron lock.
Atkinson, G. M., Esq. 4 pieces of silversmiths' work for the Scandinavian Exhibition.
Bethune, Rev., Mons. Ivory coffer.
Brossard, M. Tapestry.
Busheil, Dr. 4 Chinese stone implements.
Bute, The Marquis of, K.T. A collection of 264 oil paintings and mosaics for Bethnal Green Museum.
Cocks, A. H., Esq. Collection of horn and woodwork for the Scandinavian Exhibition.
Davillier, M. le Baron. A Scottish dagger.
Dawes, Major B. M. A Collection of pottery for Bethnal Green Museum.
De Benitua, Madame. 2 pendent ornaments; 3 MS. vols.; 5 miniatures.
De Bressolles, Mlle. Tapestry.
De Hoffman, Madame la Baronne. Tapestry.
De Meschin, T., Esq., Earthenware jug.
Diamond, Dr. Chelsea figure; Derby tureen, and stand.
Doulton and Co., Messrs. Terra-cotta panel, by G. Tinworth.
Edkins, W., Esq. Maiolica vase; pair of pistols.
Edwards, F. Y., Esq. A collection of Japanese objects of art.
Farran, Col. J. W. Miniature.
Frere, Right Hon. Sir H. Bartle E., G.C.B., G.C.S.I. A collection of objects from South Africa.
Gardner, J. D., Esq. Silver-gilt cup and cover.
Gladstone, Right Hon. W. E., M.P. A collection of ivories.
Goldsmiths, The Worshipful Company of. A collection of designs in metal, plaster, &c. for the prize competitions of the Company.

Gray, Mrs. H. 24 Etruscan vases, &c.
Habgood, A., Esq. Bust of the late John Jones, Esq.
Hambro, C., Esq. 4 pieces of Norwegian tapestry.
Heftye, Consul T. A collection of 20 textiles for the Scandinavian Exhibition.
Higgins, A., Esq. A woven and embroidered cloth.
Holme, J. W., Esq. Marble statue of Lavinia.
Iselin, J. F., Esq., M.A. A Swiss stamp in wood.
Layard, Right Hon. Sir A. H., G.C.B. 2 Spanish monstrances.
Lowengard, M. 3 tapestries.
MacLeod of MacLeod, The. Model of an Indian temple; carved ivory box.
Maskell, W., Esq. 12 silver spoons; silver pax.
Mohr, Prof. Silver-gilt bowl.
National Museum of Swedish Antiquities, Stockholm. Collection of Scandinavian jewellery.
Nordiska Museum, Stockholm. A collection of textiles, wood-carving, jewels, &c. for the Scandinavian Exhibition.
Oldnordiska Museum, Copenhagen. A collection of Scandinavian jewellery.
Plumer, J. B., Esq. Oil painting.
Pringle, R., Esq., M.D. Painting on glass with portraits of Indian chiefs.
Robinson, J. C., Esq., F.S.A. Marble figure from the tomb of Gaston de Foix.
Romilly, Hugh H., Esq. A collection of weapons, &c. from New Guinea and the surrounding islands.
Rosenborg Castle, Denmark. A collection of porcelain for the Scandinavian Exhibition.
Roy, R., Esq. 3 oil paintings.
Royal Historical Museum, Stockholm. Collection of jewellery for the Scandinavian Exhibition.
Royal Humane Society. Collection of medals.
Royal Museum, Copenhagen. A collection of tapestries, wood carving, &c. for the Scandinavian Exhibition.
Seymour, A., Esq. French cabinet; Luca della Robbia statue.
Simonsen, P., Esq. A collection of textiles, silver-work, &c. for the Scandinavian Exhibition.
Society of the Friends of Manual Arts. Collection of textiles for the Scandinavian Exhibition.
Tollin, M. Lille tapestry.
Trotter, J., Esq. A collection of silver-work, horn-work, &c. for the Scandinavian Exhibition.
Wagner, H., Esq. Shrine.
Wallis, G., Esq., F.S.A. 19 specimens of Wolverhampton steel-work; small collection of ivory figures from Lahore.
Webb, T. W., Esq. Glass vase and cover.
Willett, H., Esq. 2 sack jugs; small ostrich egg cup.

(2.) List of Contributors who Withdrew their Loans during the year 1882.

H.M. The Queen.
H.R.H. The Duke of Edinburgh.
Arbuthnot, Col. W.
Atkinson, G. M., Esq.
Barclay, The late R., Esq., per Mrs. Barclay.
Bathurst, C., Esq.
Bonnor, G., Esq.
Campbell, Lord A.
Child and Co., Messrs.
Christie, E., Esq.
Clare, C. L., Esq.
Cocks, A. H., Esq.
Constable, Mrs.
Cosier, W. P., Esq.
Craven, Miss.
Dowie, A. L., Esq.
Eastwood. G. J., Esq.
Gardner, C. T., Esq.
Godfrey, J. R., Esq.
Hall, Mrs. Carter.
Hambro, C., Esq.
Heftye, Consul T.
Hutton, Capt. A.
Iron and Steel Institute.
James, Sir J. Kingston, Bart.
Mackenzie, K. M., Esq.
Massey-Mainwaring, The Hon. W. F. B.
Mohr, Prof.
Montague, S., Esq.
Napier, Major, The Hon. G.
National Museum of Swedish Antiquities, Stockholm.
Nordiska Museum, Stockholm,
Oldnordiska Museum, Copenhagen.
Pattison, Mrs. M.
Phillips, Mrs.
Richter, J. P., Esq.
Robinson, J. C., Esq., F.S.A.
Romilly, Hugh H., Esq.
Rosenborg Castle, Denmark.
Royal Historical Museum, Stockholm.
Royal Museum, Copenhagen.
Schreiber, Lady C.
Sebright, Guy, Esq.
Seymour, A., Esq.
Simonsen, P., Esq.
Smart, R. T., Esq.
Society of the Friends of Manual Arts.
Surtees, Rev. F. S.
Townsend, Miss S. E.
Trotter, J., Esq.
Westminster, His Grace the Duke of, K.G.
Willet, H., Esq.
Winterbottom, A., Esq.

(3.) Donations and Bequests to the Art Museum during the ye 1882.

Birdwood, Sir G., C.S.I., M.D.
Book. The "Ayeen Akbar," with illustrations. No. 13.–'82 (I. S.).
Buckland Memorial Committee.
Bust of the late Frank Buckland, Esq., by Warrington Wood. No. 372–'82
De Benitua, Madame R.
Twenty-six bronze medals. Nos. 382 to 407–'82
Denny, Bart., Sir E.
Three pairs of embroidered gloves; an embroidered scarf; four oil paintings; four water-colour paintings, by J. Varley. Nos. 1506 to 1517–'82.
Donaldson, G., Esq.
Frieze of Istrian stone. No. 443–'82
Fish Collection.
Two wooden panels from New Zealand. Nos. 11, 12,–'82.
Forbes, E. H., Esq.
Musical instrument from Central Africa. No. 21–'82.
Jones, The late John, Esq.
The collection of Art objects, pictures, and books, bequeathed by him to the South Kensington Museum. Nos. 480 to 1434–'82.
Milnes, T., Esq.
Water-colour painting by Sir W. Ross, R.A. No. 351–'82.
Parish, Sir Woodbine, the late (per Lady Parish), K.C.H.
Italo-Greek terra-cotta vase. No. 1451–'82.

PEARSON, G. G., ESQ.
Chinese robe of crimson silk. No. 444–'82.

SCHINDLER, MADAME.
Painting in tempera and gilt on canvas. Persian. No. 125–'82.

TAYLOR AND CUMMINGS, MESSRS.
Carved wood door and doorway. No. 22, 22a–'82.

TROTTER, THE LATE MISS MARGARET COUTTS.
Six pieces of French furniture; seven paintings in oil by the old masters. Nos. 1438 to 1450–'82.

WELLS, THE LATE ARTHUR, ESQ.
A collection of 160 carvings in jade, crystal, agate, &c., including four enamels. Chinese and Indian. Nos. 1526 to 1625—'82.

WHITE, MRS.
Model of the tomb of Confucius. No. 121–'82.

ABSTRACT of OBJECTS acquired by Purchase under Votes C, and 8, or by Gift, during the Year ending 31st December 1882.

CLASS I.—*Sculpture in Marble, Stone, &c.*

Country.	Given.	Bought.	Cost.
			£ s. d.
English	7	3	43 0 0
Flemish or German	—	1	6 0 0
French	45	—	—
Italian	31	46	1,128 5 2
Unassigned	4	—	—
Chinese	1	—	—
Indian	—	1	7 0 0
Persian	—	3	30 0 0
Total	88	48	1,214 5 2

CLASS II.—*Mosaics in Stone and Glass.*

Italian	—	6	48 12 0

CLASS III.—*Carvings in Ivory, Bone, Tortoiseshell, &c.*

English	1	—	—
Dutch	1	1	3 0 0
Flemish	1	—	—
French	1	—	—
German	2	—	—
Italian	—	2	115 5 0
Total	6	3	118 5 0

CLASS IV.—*Woodwork, Furniture, &c.*

English	5	5	133 5 0
French	110	2	981 7 6
German	—	1	7 0 0
Indo-Portuguese	—	1	28 14 0
Italian	3	15	153 0 0
Norwegian	—	1	2 0 0
Spanish	2	—	—

CLASS IV.—*Woodwork, Furniture, &c.*—continued.

Country.	Given.	Bought.	Cost.
			£ s. d.
Indian - - - -	2	1	40 0 0
Japanese - - - -	—	2	780 0 0
New Zealand - - -	3	—	—
Total - - -	125	28	2,125 6 6

CLASS V.—*Metal Work.*

English - - - -	4	—	—
French - - - -	50	—	—
German - - - -	—	5	27 19 5
Icelandic - - - -	—	2	15 15 0
Italian - - - -	11	9	183 14 0
Arabian - - - -	—	1	1 10 0
Indian - - - -	1	2	12 0 0
Japanese - - - -	—	1	350 0 0
Persian - - - -	—	4	20 10 0
Total - - -	66	24	611 8 5

CLASS VI.—*Coins and Medals.*

English - - - -	6	—	—
Austrian - - -	1	—	—
Danish - - - -	1	—	—
French - - - -	22	—	—
German - - - -	2	—	—
German and Polish - -	44	—	—
Italian - - - -	1	1	1,000 0 0
Russian - - - -	1	—	—
Spanish - - - -	2	—	—
Swedish - - - -	2	—	—
Unassigned - - -	1	—	—
Indian - - - -	3	—	—
Total - - -	86	1	1,000 0 0

CLASS VII.—*Arms and Armour.*

Persian - - - -	—	2	60 0 0

CLASS VIII.—*Silversmiths' Work.*

Country.	Given.	Bought.	Cost.
			£ s. d.
English	3	1	80 0 0
Flemish	—	1	125 0 0
French	4	—	—
German	2	2	12 5 1
Italian	3	4	47 10 0
Spanish	—	6	1,200 0 0
Swedish	1	—	—
Unassigned	3	—	—
Total	16	14	1,464 15 1

CLASS IX.—*Jewellery and Goldsmiths' Work, including Personal Ornaments and small Objects in precious Minerals.*

English	2	—	—
Dutch	1	—	—
French	47	—	—
German	8	1	30 0 0
Italian	9	—	—
Russian	1	—	—
Unassigned	1	1	562 4 0
Chinese	99	—	—
Indian	54	2	24 0 0
Japanese	1	—	—
Persian	1	—	—
Total	224	4	616 4 0

CLASS X.—*Enamels on Metal.*

English	9	—	—
Dutch	2	—	—
French	94	8	112 0 0
Italian	1	1	50 0 0
Unassigned	4	—	—
Chinese	4	—	—
Total	114	9	162 0 0

CLASS XI.—*Pottery and Porcelain.*

Country.	Given.	Bought.	Cost.
A. *Earthenware and Stoneware.*			£ s. d.
Italo-Greek - - -	1	—	—
English - - - -	1	1	20 0 0
Flemish - - - -	—	1	44 4 0
French - - - -	—	3	24 18 6
German - - - -	—	5	21 15 0
Italian - - - -	1	3	17 10 0
Spanish - - - -	—	1	14 12 4
Chinese - - - -	1	1	75 0 0
Japanese - - - -	—	2	9 0 0
B. *Porcelain.*			
English - - - -	7	—	—
French - - - -	68	—	—
German - - - -	6	—	—
Chinese - - - -	2	—	—
Total - - -	87	17	226 19 10

CLASS XII.—*Glass Vessels and other Objects.*

German - - - -	—	8	3 7 7

CLASS XIII.—*Painted and Stained Glass.*

English - - - -	—	1	1 1 0

CLASS XIV.—*Leather Work, including Bookbinding.*

English - - - -	233	—	—
Italian - - - -	—	1	15 0 0
Spanish - - - -	—	2	20 0 0
Indian - - - -	1	—	—
Total - - -	234	3	35 0 0

CLASS XV.—*Textile Fabrics, including Embroidery.*

Country.	Given.	Bought.	Cost.
			£ s. d.
English	4	—	—
French	1	1	20 0 0
German	—	2	5 0 0
Icelandic	—	1	1 10 0
Italian	1	4	234 0 0
Spanish	—	1	100 0 0
Swedish	—	8	25 12 0
Chinese	1	9	141 0 0
Indian	1	—	—
Persian	—	1	40 0 0
Total	8	27	567 2 0

CLASS XVI.—*Lace.*

French	—	3	2 4 0
Spanish	—	6	3 10 0
Swedish	—	4	5 7 0
Paraguay	—	1	5 5 0
Total	—	14	16 6 0

CLASS XVII.—*Musical Instruments.*

English	1	54	146 11 0
Irish	—	3	10 10 0
Scotch	1	1	0 15 0
Welsh	—	2	17 0 0
Dutch	—	1	5 0 0
French	—	15	41 5 0
German	—	15	101 15 0
Italian	3	27	146 6 0
Norwegian	—	2	4 5 0
Portuguese	—	2	6 0 0
Spanish	—	1	2 10 0
Swedish	—	1	3 0 0
Swiss	—	2	2 10 0
Abyssinian	—	1	0 10 0
Chinese	—	11	15 10 0
Egyptian	—	3	4 0 0
Indian	3	32	50 1 0
Japanese	1	1	1 15 0
Moorish	—	2	2 0 0

CLASS XVII.—*Musical Instruments*—continued.

Country.	Given.	Bought.	Cost.
			£ s. d.
Persian - - - -	—	1	1 5 0
African - - - -	1	11	12 11 0
American, North - - -	—	2	0 10 0
„ South - - -	—	3	1 18 0
New Zealand - - -	—	2	1 10 0
Pacific Islands - - -	—	7	2 8 0
West Indies - - -	—	1	0 3 0
Total - - -	10	203	58 8 0

CLASS XVIII.—*Paintings in Oil and Water Colours, &c.*

A. *Oil.*			
English - - - -	50	—	—
Scotch - - - -	—	1	250 0 0
Dutch - - - -	18	—	—
French - - - -	20	—	—
German - - - -	2	—	—
Italian - - - -	10	—	—
Spanish - - - -	1	—	—
Unassigned - - -	14	—	—
B. *Water Colour.*			
English - - - -	34	165	725 19 0
Scotch - - - -	—	3	18 8 0
Dutch - - - -	2	1	7 0 0
Flemish - - - -	7	—	—
French - - - -	10	—	—
German - - - -	6	—	—
Italian - - - -	1	—	—
Unassigned - - -	16	—	
Persian - - - -	1	—	—
Total - - -	194	168	1,001 7 0

SUMMARY OF CLASSES—JANUARY TO DECEMBER 1882.

Class.	——	Given.	Bought.	Cost. £	s.	d.
I.	Sculpture in marble, stone, &c.	88	48	1,214	5	2
II.	Mosaics in stone and glass	—	6	48	12	0
III.	Carvings in ivory, bone, and tortoiseshell	6	3	118	5	0
IV.	Woodwork, furniture, &c.	125	28	2,125	6	6
V.	Metal work	66	24	611	8	5
VI.	Coins and medals	86	1	1,000	0	0
VII.	Arms and armour	—	2	60	0	0
VIII.	Silversmiths' work	16	14	1,464	15	1
IX.	Jewellery and goldsmiths' work	224	4	616	4	0
X.	Enamels on metal	114	9	162	0	0
XI.	Pottery and porcelain	87	17	226	19	10
XII.	Glass vessels and other objects	—	8	3	7	7
XIII.	Painted and stained glass	—	1	1	1	0
XIV.	Leatherwork and book-binding	234	3	35	0	0
XV.	Textile fabrics, including embroidery	8	27	567	2	0
XVI.	Lace	—	14	16	6	0
XVII.	Musical instruments	10	203	581	8	0
XVIII.	Paintings in oil and water-colour, &c.	194	168	1,001	7	0
	Total	1,258	580	9,853	7	7

OBJECTS - 1,838 - COST - 9,853*l.* 7*s.* 7*d.*

GEOGRAPHICAL SUMMARY—January to December 1882.

Country.	Cash.	Class I. Sculpture in Marble, Stone, &c.	Class II. Models in Stone, Glass, &c.	Class III. Carvings in Ivory, Bone, &c.	Class IV. Wood-work, Furniture, &c.	Class V. Metal Work.	Class VI. Coins and Medals.	Class VII. Arms and Armour.	Class VIII. Silversmiths' Work.	Class IX. Goldsmiths' Work.	Class X. Enamels on Metal.	Class XI. Pottery.	Class XII. Glass Vessels.	Class XIII. Painted and Stained Glass.	Class XIV. Lapidary Work.	Class XV. Textiles.	Class XVI. Lace.	Class XVII. Miscellaneous Instruments.	Class XVIII. Paintings, &c.	Total Number of Objects.
ANCIENT:—	£ s. d.																			
Italo-Greek	1,140 16 11	10	:	1	10	4	6	:	4	6	9	1	6	:	235	4	:	:	240	307
German	10 18 0	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	2	4	6
Polish	200 0 0	:	:	1	:	:	:	:	:	:	:	:	:	1	:	:	:	1	1	3
Russo	17 0 0	:	:	:	10	4	6	:	4	2	2	:	:	:	:	:	:	:	:	10
	16 0 0	10	:	1	:	:	1	:	:	:	:	1	:	:	:	:	:	:	:	12
	160 0 0	:	:	:	:	6	:	:	:	1	:	:	:	:	:	4	:	1	1	13
	6 0 0	:	:	2	1	:	:	:	1	:	:	1	:	:	:	1	:	1	1	7
	1,161 18 8	45	:	1	1	50	22	:	1	1	108	71	:	:	1	33	1	16	8	361
	300 0 0	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	1	:	1
	17 0 0	1	:	:	1	2	1	:	1	:	:	:	:	:	:	1	:	:	:	6
	20 14 0	1	:	:	18	20	64	:	2	6	2	4	:	:	:	1	:	10	1	169
	3,120 0 0	71	9	2	112	50	22	:	4	47	108	71	8	:	:	88	:	10	11	723
	0 0 0	:	:	:	1	:	:	:	:	:	:	:	:	:	:	1	:	:	:	2
	0 0 0	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:

GEOGRAPHICAL SUMMARY—*continued.*

Country.	Class I. Sculpture in Marble, Stone, &c.	Class II. Mosaics in Stone, Glass, &c.	Class III. Carvings in Ivory, Bone, &c.	Class IV. Wood-work, Furniture, &c.	Class V. Metal Work.	Class VI. Coins and Medals.	Class VII. Arms and Armour.	Class VIII. Silver-smiths' Work.	Class IX. Gold-smiths' Work.	Class X. Enamels on Metal.	Class XI. Pottery.	Class XII. Glass Vessels.	Class XIII. Painted and Stained Glass.	Class XIV. Leather Work.	Class XV. Textiles.	Class XVI. Lace.	Class XVII. Musical Instruments.	Class XVIII. Paintings, Drawings, &c.	Total Number of Objects.	£	s.	d.
EUROPEAN—*cont.*																						
Turkish																						
Swedish																						
Swiss																						
Unassigned	4			2		2		1														
ORIENTAL, &c.:—																						
Abyssinian																						
African																						
American, N.																						
S.																						
Arabian	1				1				99		4								129	231	10	0
Chinese										4					10		11		3	4	0	0
Egyptian						3			66					1	1		35		103	133	1	0
Indian	1				3				1		2						2		8	1,140	15	0
Japanese				2	1												2		2	2	0	0
Moorish																	2		5	1	10	0
New Zealand				3												1			1	5	5	0
Paraguay					4		2		1								1	1	13	151	15	0
Persian	3														1		7		7	2	8	0
Pacific Islands																	1		1	0	3	0
West Indies																						
Total	136	6	9	153	90	87	2	30	228	123	104	8	1	237	35	14	213	362	1,838	9,853	7	7

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

ABSTRACT of the COST of OBJECTS purchased for the ART COLLECTIONS (excluding Casts and Electrotypes), showing the amount expended to 31st December 1881, and the further sum expended from 31st December 1881 to 31st December 1882.

Class.	Description.	Cost to 31 Dec. 1881.	Purchases from 31 Dec. 1881 to 31 Dec. 1882.	Total amount of purchases from the beginning of the Collections to 31 Dec. 1882.
		£ s. d.	£ s. d.	£ s. d.
I.	Sculpture in marble, stone, &c. -	23,464 11 5	1,214 5 2	24,678 16 7
II.	Mosaics in stone and glass - -	2,427 8 5	48 12 0	2,476 0 5
III.	Carvings in ivory, bone, and tortoise-shell.	19,684 11 6	118 5 0	19,802 16 6
IV.	Woodwork, furniture, &c. - -	29,714 0 7	2,125 6 6	31,839 7 1
V.	Metal work - - - -	25,167 3 3	611 8 5	25,778 11 8
VI.	Coins and medals - - -	2,932 8 5	1,000 0 0	3,932 8 5
VII.	Arms and armour - - -	4,185 10 4	60 0 0	4,245 10 4
VIII.	Silversmiths' work - - -	18,006 19 3	1,464 15 1	19,471 14 4
IX.	Jewellery and goldsmiths' work -	18,506 10 0	616 4 0	19,122 14 0
X.	Enamels on metal - - -	23,781 15 11	162 0 0	23,943 15 11
XIA.	Earthenware and stoneware -	27,455 10 9	226 19 10	27,682 10 7
XIB.	Porcelain - - - -	10,617 2 2	—	10,617 2 2
XII.	Glass vessels, &c. - - -	5,894 14 10	3 7 7	5,898 2 5
XIII.	Painted and stained glass - -	2,043 19 11	1 1 0	2,045 0 11
XIV.	Leather work, including bookbinding.	1,517 18 2	35 0 0	1,352 18 2
XV.	Textile fabrics, including embroidery.	10,514 10 5	567 2 0	11,081 12 5
XVI.	Lace - - - - - -	1,475 17 0	16 6 0	1,492 3 0
XVII.	Musical instruments - -	4,053 3 0	581 8 0	4,634 11 0
XVIIIA.	Paintings in oil, copies of ornament in tempera, &c.	8,040 14 7	250 0 0	8,290 14 7
XVIIIB.	Water-colour and other drawings, miniatures, illuminations, &c.	8,188 6 2	751 7 0	8,939 13 2
	Meymar collection of Arabian Art, &c., bought in 1869.	2,261 0 0	—	2,261 0 0
	Objects bought in 1877 for the collective sum of.	300 0 0	—	300 0 0
	First portion of the Robinson collection, bought in 1879.	3,800 0 0	—	3,800 0 0
	Second and third portions of the Robinson collection, bought in 1880.	3,000 0 0	—	3,000 0 0
	Small collection of objects bought in 1880 for the collective sum of.	200 0 0	—	200 0 0
	Small collection of objects bought in 1881 for the collective sum of.	100 0 0	—	100 0 0
	Total - - - -	257,133 16 1	9,853 7 7	266,987 3 8

(8.) Return of Provincial Museums, Exhibitions, Conversazioni, &c., to which Art Collections were contributed during the Year 1882, showing Number of Objects, &c. Lent, Visitors, Receipts, &c.

Town.	Date.	No. of Objects.	No. of Paintings, Drawings, &c.	No. of Days open.	Visitors.	Receipts.
Provincial Museums.						£ s. d.
Bradford	January to December	246	—	286	198,169	Free.
Burslem	January to December	110	150	311	23,927	Free.
Derby	January to December	223	59	311	240,960	Free.
Edinburgh	January to December	569	—	311	See E. M. returns.	
Greenock	May to December	120	—	203	2,164	24 18 9
Hanley	January to December	85	88	311	37,820	Free.
Macclesfield	January to December	227	60	289	7,600	Free.
Nottingham	January to December	287	278	311	255,001	1,959 7 10
Preston	January to December	238	—	311	19,351	Free.
Sheffield	January to December	322	95	311	117,520	Free.
Stirling	January to December	119	73	311	27,675	Free.
Stoke-upon-Trent	January to December	200	55	365	74,383	Free.
Exhibitions.						
*Leeds	January	117	170	6	1,623	27 14 4
*Ryde	January and February	162	76	30	13,279	326 15 6
*Glasgow	January to April	264	—	101	23,885	122 18 0
*Widcombe	January	66	18	5	4,000	160 0 0
Keighley	January	126	108	6	3,768	136 6 9
St. Alban's	January	—	106	2	727	72 18 10
Birmingham	February	204	28	3	2,131	Free.
Lewes	February and March	125	110	18	13,289	664 0 0
Blackheath	February and March	43	42	14	300	5 12 9
Banbridge	March and April	39	126	5	1,200	32 7 10
Whitechapel	April	64	22	13	25,776	Free.
Newton Abbot	April	112	71	10	5,146	132 15 1
Peterborough	April	135	198	12	28,553	950 0 0
Waterloo Road, St. John's.	April	—	92	3	628	16 12 10
Stockton-on-Tees	April and May	172	55	21	13,808	523 17 6
Stockport	May	—	24	2	1,800	22 6 6
York	May to October	89	193	129	81,595	2,426 0 0
Alton	June and July	162	5	14	4,989	217 7 2
Sleaford	July	199	—	13	8,117	385 0 3
Worcester	July to October	254	—	80	222,807	10,200 0 0
Crieff	August	252	171	14	7,200	220 0 0
Helensburgh	September	252	171	13	3,200	35 0 1
Falmouth	September	145	62	11	6,000	308 9 5
Plymouth	September	—	109	12	295	3 5 6
Rugby	September to December	140	—	79	3,000	—
Vauxhall	September and October	105	—	25	17,134	556 11 5
†Manchester	September	—	350	6	6,245	Free.
†Glasgow	September and October	—	350	6	6,515	56 15 10
†Belfast	October	—	350	6	3,068	55 2 6
Lowestoft	October	—	169	3	600	Free.
London, Horners' Co.	October	127	—	4	7,900	Free.
Liverpool	October to December	249	—	53	1,100	28 9 6
Poole	October	184	95	6	1,900	93 11 0
Swaffham	October and November	115	109	12	2,576	168 12 6
‡Derby	November and December	335	347	48	6,727	98 1 7
Hornsey	November	—	157	4	2,000	Free.
Newport, Monmouth	November and December	28	75	17	10,000	Free.
Hastings	November and December	42	91	11	1,584	55 4 6
City and Spitalfields	November and December	—	103	14	2,200	Free.

* These Exhibitions were opened in 1881; for returns for that year, see 29th Annual Report.

† These Exhibitions consisted of the prize works executed by Art students for the National Competition.

‡ This exhibition was still open after December 1882.

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

Town.	Date.	No. of Objects.	No. of Paintings, Drawings, &c.	No. of Days open.	Visitors.	Receipts.
						£ s. d.
*Glasgow	December	336	81	8	1,848	26 7 6
Paris		215	44	—	No returns.	
Lisbon		79	—	—	Ditto.	
Berlin		1,053	21	—	Ditto.	
Stockholm		1,059	21	—	Ditto.	
*Copenhagen		1,065	21	—	Ditto.	
Annual Meetings, Conversazioni, &c.						
Harrow	January	—	88	1	—	—
Ventnor	January	6	28	1	—	—
Darlington	December	—	138	1	—	—
Provincial Museums		2,746	858		1,004,570	1,984 6 7
Exhibitions		8,014	4,341		548,513	18,128 4 8
Conversazioni, &c.		6	254		—	—
Total 1882		10,766	5,453		1,553,083	20,112 11 3
Total since 1855†		69,271	69,188		13,312,848	232,363 2 4

* These exhibitions were still open after December 1882.
† For detailed return of each year from 1855 to 1873, see Report for 1873 (21st Report), Appendix, pp. 420–423; also Annual Reports since 1873.

(9.) RETURN of OBJECTS, PAINTINGS, and DRAWINGS LENT to SCHOOLS of ART for the purpose of COPYING, and on DEPOSIT LOAN for Study, &c. during the year 1882.

Schools of Art.	Paintings for Copying.	Paintings, &c. on Deposit Loan.	Objects on Deposit Loan.
Andover	9	—	—
Barnsley	3	—	—
Barrow-in-Furness	7	8	27
Bath	8	19	28
Bedford	13	—	28
Belfast	9	—	27
Birmingham	—	4	71
Bolton	3	—	—
Boston	3	—	—
Bradford, Church Institute	9	—	—
Bradford, Grammar School	6	—	—
Bradford, Mechanics' Institute	6	—	—
Bridport	9	—	—
Brighton	6	—	—
Bromley	9	—	—
Bromsgrove	6	—	—
Burnley	—	—	26
Burton-on-Trent	6	—	—
Canterbury	3	—	—
Carlisle	—	113	26
Carmarthen	6	—	25
Cheltenham	—	7	24
Chester	9	—	24
Chesterfield	8	4	48
Cirencester	—	—	28

Schools of Art.	Paintings for Copying.	Paintings, &c. on Deposit Loans.	Objects on Deposit Loan.
Coalbrookdale	6	—	—
Cork	6	—	26
Croydon	9	—	27
Darlington	10	—	—
Derby	13	13	33
Devizes	12	56	24
Devonport	4	1	26
Dollar, N. B.	2	—	—
Doncaster	6	—	—
Dorchester	9	—	—
Dover	12	—	24
Dublin	5	—	23
Dudley	4	—	25
Durham	6	—	—
Edinburgh	4	—	28
Falkirk	9	—	—
Farnham	6	—	—
Frome	9	—	22
Glasgow	10	—	72
Gloucester	12	—	27
Gosport	10	—	—
Halifax	4	—	—
Hanley	10	44	36
Hastings	3	—	—
Hertford	6	6	27
Huddersfield	3	—	—
Hull	10	1	27
Ilkley	—	6	41
Ipswich	10	—	—
Keighley	8	—	—
Kendal	9	—	—
Kidderminster	16	—	50
Kilmarnock	3	—	—
Lancaster	10	—	27
Leeds	5	—	—
Leicester	3	—	—
Lewes	—	—	30
Limerick	3	—	—
Lincoln	—	—	26
Liverpool, South District	10	—	25
Londonderry	3	—	—
Longsight	9	—	—
Macclesfield	12	—	28
Manchester, Grammar School	9	—	—
Manchester, Mechanics' Institute	—	7	—
Mansfield	13	28	22
Metropolitan :			
Blackheath Hill	9	—	—
Blackheath, Lee and Lewisham.	6	—	—
Bloomsbury	7	—	—
Charterhouse	6	—	23
Chelsea	3	—	—
Hornsey	3	—	—
Islington	5	19	—
South Kensington	70	—	185

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

Town.	Date.	No. of Objects.	No. of Paintings, Drawings, &c.	No. of Days open.	Visitors.	Receipts.
						£ s. d.
*Glasgow	December	336	81	8	1,848	26 7 6
Paris		215	44	—	No returns.	
Lisbon		79	—	—	Ditto.	
Berlin		1,053	21	—	Ditto.	
Stockholm		1,059	21	—	Ditto.	
*Copenhagen		1,065	21	—	Ditto.	
Annual Meetings, Conversazioni, &c.						
Harrow	January	—	88	1	—	—
Ventnor	January	6	28	1	—	—
Darlington	December	—	138	1	—	—
Provincial Museums		2,746	858		1,004,570	1,984 6 7
Exhibitions		8,014	4,341		548,513	18,128 4 8
Conversazioni, &c.		6	254		—	—
Total 1882		10,766	5,453		1,553,083	20,112 11 3
Total since 1855†		69,271	69,188		13,312,848	232,363 2 4

* These exhibitions were still open after December 1882.
† For detailed return of each year from 1855 to 1873, see Report for 1873 (21st Report), Appendix, pp. 420–423; also Annual Reports since 1873.

(9.) RETURN of OBJECTS, PAINTINGS, and DRAWINGS LENT to SCHOOLS of ART for the purpose of COPYING, and on DEPOSIT LOAN for Study, &c. during the year 1882.

Schools of Art.	Paintings for Copying.	Paintings, &c. on Deposit Loan.	Objects on Deposit Loan.
Andover	9	—	—
Barnsley	3	—	—
Barrow-in-Furness	7	8	27
Bath	8	19	28
Bedford	13	—	28
Belfast	9	—	27
Birmingham	—	4	71
Bolton	3	—	—
Boston	3	—	—
Bradford, Church Institute	9	—	—
Bradford, Grammar School	6	—	—
Bradford, Mechanics' Institute	6	—	—
Bridport	9	—	—
Brighton	6	—	—
Bromley	9	—	—
Bromsgrove	6	—	—
Burnley	—	—	26
Burton-on-Trent	6	—	—
Canterbury	3	—	—
Carlisle	—	113	26
Carmarthen	6	—	25
Cheltenham	—	7	24
Chester	9	—	24
Chesterfield	8	4	48
Cirencester	—	—	28

Schools of Art.	Paintings for Copying.	Paintings, &c. on Deposit Loans.	Objects on Deposit Loan.
Coalbrookdale	6	—	—
Cork	6	—	26
Croydon	9	—	27
Darlington	10	—	—
Derby	13	13	33
Devizes	12	56	24
Devonport	4	1	26
Dollar, N. B.	2	—	—
Doncaster	6	—	—
Dorchester	9	—	—
Dover	12	—	24
Dublin	5	—	23
Dudley	4	—	25
Durham	6	—	—
Edinburgh	4	—	28
Falkirk	9	—	—
Farnham	6	—	—
Frome	9	—	22
Glasgow	10	—	72
Gloucester	12	—	27
Gosport	10	—	—
Halifax	4	—	—
Hanley	10	44	36
Hastings	3	—	—
Hertford	6	6	27
Huddersfield	3	—	—
Hull	10	1	27
Ilkley	—	6	41
Ipswich	10	—	—
Keighley	8	—	—
Kendal	9	—	—
Kidderminster	16	—	50
Kilmarnock	3	—	—
Lancaster	10	—	27
Leeds	5	—	—
Leicester	3	—	—
Lewes	—	—	30
Limerick	3	—	—
Lincoln	—	—	26
Liverpool, South District	10	—	25
Londonderry	3	—	—
Longsight	9	—	—
Macclesfield	12	—	28
Manchester, Grammar School	9	—	—
Manchester, Mechanics' Institute	—	7	—
Mansfield	13	28	22
Metropolitan :			
Blackheath Hill	9	—	—
Blackheath, Lee and Lewisham.	6	—	—
Bloomsbury	7	—	—
Charterhouse	6	—	23
Chelsea	3	—	—
Hornsey	3	—	—
Islington	5	19	—
South Kensington	70	—	185

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

Schools of Art.	Paintings for Copying.	Paintings, &c. on Deposit Loan.	Objects on Deposit Loan.
Metropolitan—*cont.*			
St. Martin's	3	—	—
Stratford	9	—	—
Vauxhall Work. Men's Coll.	—	142	—
West London	—	13	26
Wood Carving, Royal Albert Hall.	—	—	2
Newcastle-upon-Tyne	4	12	—
Newport	6	—	—
Norwich	10	—	—
Nottingham	1	—	—
Penzance	7	8	45
Perth	8	—	—
Peterborough	3	4	—
Plymouth, Courtenay Street	3	—	—
Plymouth, Young Men's Christian Association.	—	—	28
Poole	9	—	—
Portsmouth	11	—	—
Preston	11	106	—
Redditch	6	—	—
Rotherham	11	—	—
Ryde	6	6	—
St. Alban's	10	33	—
Salisbury	6	—	37
Scarborough	—	15	—
Selby	6	—	24
Sheffield	14	—	28
Shipley, Salt School	10	28	—
Shrewsbury	8	—	—
Southampton, Hartley Institute	11	—	21
Southampton, Philharmonic Hall	6	—	—
South Shields	1	—	—
Stafford	3	—	—
Stroud	6	—	—
Swansea	—	4	—
Taunton	6	—	—
Tavistock	6	—	—
Tiverton	8	—	25
Torquay	3	—	—
Truro	6	—	—
Ulverston	—	5	—
Wakefield	—	3	—
Warminster	5	7	—
Waterford	6	—	—
Watford	12	—	—
Weston-super-Mare	3	—	24
Weymouth	11	—	—
Winchester	7	—	—
Wolverhampton	—	—	26
Worcester	9	91	61
Yarmouth, Great	10	—	27
York	4	—	—
Total	855	813	1,660
Grand Total		3,328	

(10.) SUMMARY OF ART CIRCULATION, 1882.

1. OBJECTS, PAINTINGS, DRAWINGS, &c., ISSUED.

	Objects.	Paintings, &c.	Total.
On loan on 1st January 1882 -	5,297	1,786	7,083
January - - - -	459	852	1,311
February - - - -	673	495	1,168
March - - - -	254	230	484
April - - - -	501	558	1,059
May - - - - -	1,536	409	1,945
June - - - - -	267	36	303
July - - - - -	668	62	730
August - - - -	1,299	701	2,000
September - - -	2,455	1,044	3,499
October - - - -	1,314	1,528	2,842
November - - - -	501	809	1,310
December - - - -	238	145	383
Total - - -	15,462	8,655	24,117

2. OBJECTS, PAINTINGS, DRAWINGS, &c., RETURNED.

	Objects.	Paintings, &c.	Total.
January - - -	601	1,054	1,655
February - - -	480	155	635
March - - - -	624	400	1,024
April - - - -	216	438	654
May - - - -	1,859	477	2,336
June - - - -	—	34	34
July - - - -	925	307	1,232
August - - -	1,178	715	1,893
September - - -	1,610	752	2,362
October - - -	576	1,064	1,640
November - - -	396	300	696
December - - -	703	997	1,700
On loan on 31st December 1882	6,294	1,962	8,256
Total - - -	15,462	8,655	24,117

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

(*b.*) National Art Library Returns.

(1.) Return of Results for the Years 1878 to 1882 inclusive.

1878.	1879.	1880.	1881.	1882.	Remarks.
23,821	25,453	27,339	25,462	24,883	Readers.
					Acquisition of Books, &c.
963	1,445	2,583	746	1,426	Volumes purchased.
233	177	347	189	234	„ presented.
140	297	348	80	134	Parts, Pamphlets, &c. purchased.
102	139	378	200	147	„ „ presented.
331	1,328	382	325	1,669	Drawings purchased.
413	97	2,490	44	354	„ presented.
6,928	5,849	4,546	1,301	12,205	Prints purchased.
535	17	173	519	329	„ presented.
159	752	1,007	832	891	Photographs purchased.
383	560	22	111	1,249	„ presented.
—	—	1,273	560	174	„ transferred.
—	—	—	217	—	Drawings and Prints received for circulation.
29	2	2	342	10	Photographs received for circulation.
					Circulation, &c.
455	490	443	508	457	Books borrowed.
431	449	437	464	453	„ returned.
827	695	843	776	1,226	Drawings, Prints, &c. borrowed.
679	633	643	739	514	„ „ returned.
1,112	592	1,106	1,484	895	Photographs borrowed.
943	651	927	822	1,144	„ returned.
					Cataloguing, Registration, &c.
1,824	1,592	1,909	1,492	1,522	Volumes classed, placed, and press-marked.
2,012	1,681	3,113	1,669	1,382	Catalogue titles written and revised.
1,800	1,155	1,346	5,805	4,297	Catalogue titles copied.
703	1,326	1,240	1,551	1,614	„ slips inserted.
1,718	1,575	1,310	2,131	3,999	Index references marked and slips written.
2,810	888	1,054	571	1,341	Index slips inserted.
4	4	4	4	4	Copies of Art Catalogue checked and marked.
7,978	5,208	5,795	4,732	3,491	Drawings and Prints registered.
—	—	—	—	—	Drawings, &c., Catalogue titles written.
5,194	2,570	1,500	940	750	Drawings, &c., Index slips written.
708	448	1,638	2,075	2,167	Photographs registered.
851	449	230	298	287	„ Catalogue slips written.
950	884	973	1,637	815	„ Index slips written.
59,532	61,832	42,892	37,337	41,320	Stamps impressed.

1878.	1879.	1880.	1881.	1882.	Remarks.
544	514	515	268	355	Sale Catalogues examined.
441	462	744	315	509	Books on approval examined and returned.
204	393	1,216	3,167	744	Drawings, Prints, &c. examined and returned.
7	10	83	110	72	Photographs examined and returned.
477	1,525	758	489	236	Volumes collated and prepared for binding.
670	534	277	311	134	Slips for binding, lettering, and repairing, written.
332	413	276	295	433	Volumes bound and collated.
205	200	71	36	16	„ repaired.

(2.) NUMBER of READERS in ART LIBRARY in 1881 and 1882.

	1881.	1882.
January	2,415	2,769
February	2,807	2,391
March	2,626	2,569
April	2,016	2,031
May	2,453	2,439
June	1,976	1,975
July	2,022	2,168
August	1,067	870
September	1,046	1,073
October	2,234	2,185
November	2,605	2,436
December	2,195	1,977
Total number of Readers	25,462	24,883
Number of days open	312	310
Average number of daily Readers	81	80

N.B.—For corresponding numbers for the years 1852 to 1880, *see* previous Reports.

(3.) NUMBER of VOLUMES, DIAGRAMS, &c. borrowed by SCHOOLS of ART in 1882.

Marked * are photographs, prints, or drawings.

Barnstaple	5
Barrow-in-Furness	4
Bedford	6
Birmingham	1
Blackheath Hill	3

Bradford Mechanics' Institute	2
Brighton	5
Bromley	8
Burton-on-Trent	3
Carmarthen	6
Chesterfield	1
Coalbrookdale	4
Derby	4
Dollar Institution	2 21*
East Herts	6 48*
Frome	3
Glasgow	2
Gloucester	9
Gosport	11
Leicester	2
Liskeard	5
London :—	
North London	9
South Kensington	14
West London	8
Peterborough	5
Poole	6
Preston	11
Ryde	3
Salisbury	5 29*
Southampton Philharmonic Hall	17
Stoke-upon-Trent	1
Stratford	2
Swansea	1
Taunton	1
Tiverton	2
Torquay	3
Watford	6
Worcester	2
Yarmouth, Great	5

(4.) DONATIONS, 1882.

Antiquaries, Council of the Society of :—
Archæologia ; or Miscellaneous Tracts relating to Antiquity. Vol. 47. Part 1. 1882. 4to.
Proceedings of the Society of Antiquaries. Vol. VIII., No. 5.

Architects, Royal Institute of British :—
The Transactions of the Royal Institute of British Architects, 1881-82. 4to.

Architectural Association, Committee of the :—
The Architectural Association Sketch Book. New Series. 1882. Fol.

Arts, Society of :—
Journal of the Society of Arts. 1882. Roy. 8vo.

Australian International Exhibitions, Royal Commission for :—
Report of the Royal Commission for the Australian International Exhibitions. 8vo. London, 1882.
Three Lithographs :—Diplomas awarded to the South Kensington Museum by the Royal Colonial Commission. Melbourne International Exhibition, 1880.

Baigent, F. J., Esq. :—
The Abbey and Church of the Blessed Mary of Waverley, near Farnham, in the County of Surrey. By F. J. Baigent. 8vo. London, 1822.
Bedford, Rev. W. K. R. :—
Recent Discoveries at Notabile. A Memoir by A. A. Caruana, D.D. (with 10 photographs). Fscap. Fol. Malta, 1881.
Bell, John, Esq. :—
Freehand Outline. Part 2. Outline from Objects or from the Round by J. Bell, Sculptor. 1854. Ob. 4to.
Bellows, J., Esq. :—
Handbook to the City and Neighbourhood of Gloucester. 2nd edition. 8vo. ph.
A Week's Holiday in the Forest of Dean. 8vo. ph. Gloucester.
Blackie and Sons, Messrs :—
Poynter's South Kensington Drawing Book, Human Figure. Elementary, Book I. 4to. swd.
Sketches in Water-colours by various Artists. 1 vol. Roy. 8vo. cl.
Leitch and Callow. Easy studies in Water-colour Painting. Roy. 4to. cl.
Brassey, Lady :—
Catalogue of Lady Brassey's Loan Exhibition of Ancient and Modern Lace, Fans, &c. at Hastings School of Art. 8vo. ph.
British Museum, Trustees of :—
Catalogue of Ancient Manuscripts in the British Museum. Part 1, Greek. Fol. London, 1881.
Catalogue of the Manuscripts in the Spanish Language in the British Museum by Don Pascual de Gayangos. Vol. 3. London, 1881. Roy. 8vo.
Catalogue of Oriental Coins in the British Museum. Vol. VII. 1882. 8vo.
A Guide to the principal Gold and Silver Coins of the Ancients in the British Museum. 2nd edition. 1881. 8vo.
Prints and Drawings in the British Museum, reproduced by photographic process. Part 1. Italian Prints. 1882. Fol.
Buckler, George, Esq. :—
Colchester Castle a Roman Building. By G. Buckler. 4th section. London, 1882. 8vo. ph.
Bullinger, Mr. E. W. :—
The Decorator and Furnisher, Oct. 1882. Fol.
Burlington Fine Arts Club, Committee of the :—
Catalogue of a collection of Woodcuts of the German School, executed in the 15th and 16th centuries. 4to. ph. London, 1882.
Cabinet Maker, Proprietors of the :—
The Cabinet Maker. 1882. Fscap. Fol.
Carreras, Señor José J. de :—
Seven Packs of Spanish Playing Cards.
A copy of the reprint of the Newspaper "El Dia" of the 25th May, 1641, in commemoration of the Calderon Centenary.
Charvet, M. :—
Statue et Vases de Bronze exposés par J. Charvet au Palais de l'Industrié. Fol. Paris, 1880.
Chevallier, M. Paul :—
Catalogue des Tableaux Anciens composant la Collection de feu M. A. Febvre, 1882. Illustrated. 4to.
Clarendon Historical Society's Reprints :—
No. 1. 4to. ph. containing the Wicked Wayes of the Cruell Cavaliers, 1664. Two Extracts from "The Mercurius Caledonius," Jan. 8, 1661.
Clockmakers, The Court of the Worshipful Company of :—
Some Account of the Worshipful Company of Clockmakers of the City of London, 1881. Privately printed. Roy. 8vo.
Cole, Sir Henry, K.C.B. :—
The Illustrated Handbook for Westminster Abbey. By Felix Summerly (Sir. Henry Cole, K.C.B.). New ed. 12mo. London, 1881.

Cole, Sir Henry, K.C.B. (Bequest) :—
Restoration of Redcliffe Church, Bristol. By J. Britton. Bristol, 1842. 4to.
Antiquarian Gleanings in the North of England. Drawn and etched by W. B. Scott. 4to.
Woodcuts (150) selected from the Penny Magazine. Small Fol. London, 1835.
The Natural History of Wiltshire. By J. Aubrey, F.R.S. 1847. 4to.
History of the Parish of Grittleton, Wilts. By the Rev. J. E. Jackson, M.A. 4to. London, 1843.
Jacksons' and Bielefield's Papier Maché Ornament. 2 vols., small fol.
Hay (D. R.). On the Science of Proportion. 1849. 4to.
Outlines in Lithography, By D. Turner. Fol. Yarmouth, 1840.
Attempt to ascertain the age of Mickleham Church, Surrey. By. P. F. Robinson. Fol. London, 1824.
Graphic Illustrations of Toddington, Gloucestershire. 1840. Fol.
The Early History of Brass and the Brass Manufactures of Birmingham. By W. C. Aitken, 1866. 8vo.
Spanish Towns and Spanish Pictures. By Mrs. W. A. Tollemache. 8vo. London, 1872.
Lithozôgraphia. By J. Aresti. Imp. 8vo.
Valpy's National Gallery of Painting and Sculpture. 8vo.
Patronage of British Art. By J. Pye. 8vo. London, 1845.
Suggestions for the Architectural Improvement of the Western Part of London. By S. Smirke, F.S.A., F.G.S. 8vo. London, 1834.
Anatomie des Formes Extérieures du Corps Humain. Par le Docteur J. Fau. (Text only). 8vo. Paris, 1845.
History of Scarborough. By F. Hinderwell, Esq. 3rd ed. 1837.
Also—
Thirteen vols. and 22 pamphlets, being chiefly Catalogues of Galleries and Exhibitions, Guide Books, &c.

Colonial Office, The :—
Report on the Phœnician and Roman Antiquities in the group of the Islands of Malta. By A. A. Caruana, D.D. Small folio. Malta, 1822.

Davillier, Le Baron Ch. :—
Notes sur les Cuirs de Cordoue Guadamaciles d'Espagne, etc. Par le Baron Ch. Davillier. Paris, 1878. 8vo. ph.
Mémoire de Velazquez, avec introduction, &c. Par le Baron Ch. Davillier 8vo. Paris, 1874.
Atelier de Fortuny. Œuvre posthume, &c. 8vo. Paris, 1875.
L'Art de restourer les Faiénces, &c. Par. P. Thiaucourt. 12mo. Paris, n. d.
L'Antiquaire, comédie en trois actes (1751). Précédée d'une étude sur les Curieux au Théatre. Par le Baron Ch. Davillier. 12mo. Paris, 1870.
L'Amateur, comédie en vers. Par N. T. Barthe. 12mo. Paris, 1870.
Notas sobre los Cueros de Cordoba Guadamaciles de España, etc. Por El Baron Ch. Davillier. Gerona, 1879. 8vo. ph.
Une Manufacture de Tapisseries de Haute Lisse à Gisors . . . . Par le Baron Ch. Davillier. 8vo. ph. Paris, 1876.

Davis, E., Esq. :—
The Royal Courts of Justice. A Sketch. 8vo. ph. London, 1882.

Facey. J. W., Esq. :—
Decoration of Dwelling Houses, &c. By J. W. Facey, junr. 12mo. 1882. 2 copies.

Filangieri, G. :—
Il Museo Artistico Industriale e le Scuole Officine in Napoli Relazioné, &c. Imp. 8vo. Napoli, 1881.
Regolamento interno provvisorio delle Scuole Officine del Museo Industriale Artistico. 8vo. ph. Napoli, 1881.

Foreign Office, The :—
École Nationale des Beaux-Arts. Catalogue des Moulages, &c. Imp. 8vo. Paris, 1881.
Exposition Universelle de 1878. Monographie des Palais et Constructions Diverses. Fas. 6 and 7. Fol.
Ornements remarquables de l'Exposition Hongroise Industrielle des Ouvrages des Femmes en 1881. Folio. Budapest, 1882.
Das Kunstgewerbe-Museum zu Berlin. Festschrift zur Eröffnung des Museumsgebäudes. 1881. Roy. 4to.

Fortnum, Miss :—
350 small drawings of Ornament mounted in a Guard Book. Ob. 8vo.
The Secretes of the Reverend Maister Alexis of Piemont, 1678. p. 4to. (Imperfect.)

Gauchery, M. L. :—
Union Centrale des Arts Décoratifs. 7^l. Exposition, 1882. Catalogue. 8vo. Paris, 1882. 2 copies.
Union Centrale des Arts Décoratifs. 7^l. Exposition retrospective, 1882. Fas. 1 and 2. 8vo. Paris, 1882. 2 copies.

Germany, Central, Society of Industrial Art for :—
Goldschmuck der Renaissance. Gesammelt von F. Luthmer. Fol. Berlin, 1881.

Glasgow, Corporation Galleries of Art :—
Catalogue of the Oriental Art Loan Exhibition, Corporation Galleries, Glasgow, Dec. 1881.—May, 1882. 8vo. 2 copies.
Report by Mr. J. C. Robinson on the Art Collections, Corporation Galleries, Glasgow, 1882. 8vo. ph. 2 copies.

Hawkins, Miss L. L. Waterhouse :—
A Water-colour Drawing by L. L. Waterhouse Hawkins of the Tomb of St. Richard of Chichester.

Heberle, Herrn J. M. :—
Catalogue des Objets d'Art . . . . . composant la Magnifique Collection de M. J. Paul à Hambourg, 1882. 2 copies, 8vo., and 1 copy illustrated, 4to.

Houlton, Sir Victor L., G.C.M.G. :—
Eight unmounted Photographs of the Restored Tapestry of St. John's Church, Valetta.

Houzé de l'Aulnoit, M. :—
Essai sur les Faiences de Douai dites Grès Anglais. Par M. Aime Houzé de l'Aulnoit. Roy. 8vo. Lille, 1882.

Howell, G., Esq. :—
Suggestions for a Grand International Exhibition . . . . . to be held in Manchester in 1882, &c., &c. By E. Lever. Manchester, 1881. 8vo.

India Office, The :—
The Indian Antiquary. 1882. 4to.

Italian Government, The :—
Relazioni intorno al principali lavori esequiti nella Arsenale Militare Marittimo di Spezia. Roma, 1881. Text, 4to. Atlas. Ob. folio.

Leete, Joseph, Esq. :—
The Family of Leete. Collected by the late C. Bridger, Esq., F.R.H.S., and edited by J. C. Anderson, p. 4to. 1881.

Lewis, A. D., Esq. :—
Shipwrights' Company International Exhibition of Ship Models. Catalogue. 1882. 8vo.

Macmillan & Co., Messrs. :—
A Primer of Art. By J. Collier. London, 1882. 16mo.

Malcolm, A., Esq. :—
Le Antichità di Ercolano. 8 vols. Fol. 1757-92.
Catalogo de Monumenti d'Ercolano. 1755. Fol.
Horatii Flacci Opera. Barmæ, 1791. Fol.

Margrave, Thos. J., Esq. (Bequest) :—
A Collection of 1,177 Photographs from important pictures of the Italian, Flemish, Dutch, and Spanish Schools of Painting, also Artistic and other Celebrities, &c.

Meschin, Thos. de, Esq., LL.D. :—
Storia della Scultura dal suo risorgimento in Italia fino al Secolo di Canova del Conte L. Cicognara. 2nd ed. 7 vols. 8vo. Prato, 1824.
Della Vita di A. Canova. Compilati da Melchior Missirini. 8vo. Prato, 1824.

Paice, Bowes, A., Esq., A.R.I.B.A. :—
Lithograph, Plan of St. Thomas's Church, Regent Street, W.

Palestine Exploration Fund, Committee of the :—
Quarterly Statements of the Palestine Exploration Fund. 1882. 8vo.

Parker, J. H., Esq. :—
Plan of Rome, Ancient and Modern. By J. H. Parker.

Parsons, E. Esq. :—
The Gardeners Dictionary. By P. Miller. Fol. London, 1752.

Parsons, Mr. E. :—
Two Vols. of Russian Works, 1874. (Specimen of Bookbindings.) 8vo.

Plon, Messrs. E. & Co. :—
B. Cellini, Orfèvre, Medailleur, Sculpteur, par E. Plon. 1883. Sm. fol.

Richardson, W., Esq.:—
The Timber Trades Journal. 1882. 4to.

Rondot, M. N. :—
Les Artistes et les Maîtres de Métier de Lyon au quatorzième siècle. Par M. N. Rondot. Lyon, 1882. Imp. 8vo.

Russian Government, The :—
99 Vols. and Pamphlets (in Russian). Publications of Early Russian Text Society.
8 Lithographs and 10 Photographs. Troitsa Monasteries.
76 Photographs of Russian Art Objects, &c.

Satchell, W., Esq. :—
The Seals and Armorial Insignia of the University and Colleges of Cambridge. By W. H. St. J. Hope, B.A. 4to. ph.

Scharf, G., Esq., F.S.A. :—
Supplement to the Historical and Descriptive Catalogue of the Pictures, Busts, &c. in the National Portrait Gallery. By G. Scharf, 1882. 8vo. ph.

Signet, The Society of Writers to H.M. (Edinburgh) :—
Catalogue of the Printed Books in the Library of the Society of Writers to H.M. Signet in Scotland. Part II. M.—Z. Supplement and List of MSS. 4to. Edinburgh, 1882.

Smith, R. H. Soden, Esq., M.A., F.S.A. :—
Catalogue of the Alton Loan and Art Exhibition. 1882. 8vo.
Catalogue of the Lewes and East Sussex Fine Art and Industrial Exhibition. 1882. 2nd ed. 8vo.
Guida Tascabile della Citta di Genova. 2nd ed. 16mo.
Guida Manuale di Firenze. 12mo.
Guida del Museo Civico e raccolta correr di Venezia. 1881. 8vo.
Indicazione sommaria dei quadri e capi d'arte della R. Pinacoteca di Torino. 1881. 16mo.
Fondazione Artistica Poldi-Pezzoli. Catalogo generale, 1881. 8vo.
G. Toudouze. Les Cuirassiers de Reichshoffen. Peints par MM. T. Poilpot and S. Jacob. 1881. 8vo. ph.
Melbourne International Exhibition, 1880. Official Catalogue. 1880. 2 vols. 8vo.
The Early History of the Mediterranean Population, &c. By H. Clarke, London, 1882. 8vo.
Fifth Annual Report of the Museum of Fine Arts. School of Drawing and Painting. Boston, 1882. 8vo. ph.
Official Catalogue of the Exhibition of Irish Arts and Manufactures, 1882, Rotunda, Dublin. 8vo.

Views of Brighton. Ob. 8vo.
Spanish Art, by Sir E. Head, Bart., and Wm. Stirling, Esq. Article from "The Quarterly Review, June, 1848." 8vo. ph.

Stationery Office, The :—
Fac-similes of National Manuscripts of Ireland. 1882. Part IV. Sect. 1. Fol.

Tardieu, M. E. :—
La Ville Gallo-Romaine de Beauclair. Fouilles et Découvertes. Par A. Tardieu et F. Boyer. Clermont-Ferrand. 1883. 4to. ph.

Telge, Herr Paul :—
Der Goldschmuck von Hiddensoe im Provinzial-Museum zu Stralsund. Berlin, n. d. 4to. ph.

Tucker, Messrs. E. W. & Co. :—
Worcestershire Exhibition, 1882. Catalogue. 2nd edition. 8vo. Two copies.

Tuer, Andrew W., Esq. :—
List of the Works of Bartolozzi (arranged under heads). Compiled by A. W. Tuer. 4to. Two copies.

Wigg, H. C., Esq., M.D. :—
Catalogue of the Books of H. C. Wigg, M.D. Section IV. The Turner-Ruskin Series, 1882. 8vo. ph.

Willett, H., Esq. :—
Catalogue (priced) des Objets d'Art et de Haute Curiosité . . . . composant la collection de feu B. Fillon. Imp. 8vo.

Zanon, Prof. Antonio :—
Scuola d'Arti e Mestieri in Belluno. Relazione per l'Anno 1880-81. 8vo.
Scuola di Arti e Mestieri. Progetto di completo organamento. Belluno, 1882. 8vo.

(5.) Publications Received in Exchange, 1882.

Austrian Museum for Art and Industry, Vienna :—
Die Initialen der Renaissance. Nach den Constructionen von A. Dürer. Herausgegeben von C. Sitte. Fol. Wien, 1882.

Berlin Kunstgewerbe Museum :—
Zweite Sonder-Ausstellung 24 Oct.—15 Dec. 1882. Japanische Malereien aus dem Besitz des Prof. Dr. H. Gierke zu Breslau. Berlin, 1882. 8vo.

Meklenburgh Schwerin, Society of History and Archæology of :—
Jahrbücher des Vereins für Meklenburgische Geschichte und Alterthumskunde. Schwerin. 1881. 8vo.

Nassau, Society of History and Archæology of :—
Annalen des Vereins für Nassauische Alterthumskunde und Geschichtsforschung. Vol. 16. 1881. Imp. 8vo. Wiesbaden, 1881.

Paris, Cabinet du Préfet de la Seine :—
Inscriptions de la France du V^e^. Siècle au XVIII^e^. Recueillies et Publiées. Par M. F. de Guilhermy. Tome IV. Ancien Diocèse de Paris. 1879. 4to.

Rome, École Française de :—
L'Asclépieion d'Athènes d'après de récentes découvertes. Par P. Girard. 1882. 8vo.
Le Manuscrit d'Isocrate Urbinas CXI. de la Vaticane. Par M.A. Martin. 1881. 8vo.
Nouvelles recherches sur l'entrée de Spagne. Par A. Thomas. 1882. 8vo.

Trier, Gesellschaft für nützliche Forschungen :—
Jahresbericht der Gesellschaft für nutzliche Forschungen zu Trier von 1878 bis 1881. Redigirt von Dr. F. Hettner. 4to. Trier, 1882.

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

(6.) RECEIVED FROM DIRECTOR'S OFFICE.

An Album containing 47 Photographs lettered "Villa Mylius à Génes." Obs. Fol.

Catalogue of a Collection of Worcester Porcelain in the Museum at the Royal Porcelain Works. By R. W. Binns, F S.A. 8vo. Worcester, 1882.

Fret Cutting and Perforated Carving. 9th ed. 4to.

Manual of Buhl-Work and Marquetry. By W. Bemrose. 4to.

Manual of Wood Carving. By Wm. Bemrose and L. Jewitt. 13th ed. 4to. London, n. d.

Metropolitan Museum of Art, New York. Handbooks Nos. 1, 2, 3, and 5 to 8. 1880-81. 8vo.

Mosaicon, or Paper Mosaic. By W. Bemrose, jun. 8vo. London, n. d.

Notice sur une Horloge d'Or, d'Argent and d'Email de la Collection de M. A. Morrison, de Londres. Paris, 1882. 8vo. ph.

Popular Industrial Art Education. By W. Smith. Boston, 1882. 8vo.

The Pottery and Porcelain of Derbyshire. By A. Wallis and W. Bemrose. 2nd ed. London, 1870. 8vo.

(7.) ART PUBLICATIONS ISSUED IN 1882.

I beg to report that I have noted 886 titles of publications relating more or less to Fine Art, which have been issued during the year 1882. They are as follows:—

311	publications	in	English;
269	,,	,,	German;
237	,,	,,	French;
40	,,	,,	Italian;
20	,,	,,	Swedish and Danish;
9	,,	,,	Spanish.

798 of these publications have been acquired for the National Art Library, namely 311 English and 487 foreign works.

J. W. APPELL,
Assistant Keeper.

(*c.*) MISCELLANEOUS RETURNS.

(1.) RETURN of MONTHLY ATTENDANCE of VISITORS at the SOUTH KENSINGTON MUSEUM.

1882.	FREE DAYS.		Students' Days.	TOTALS.	Corresponding Numbers in			
	Morning.	Evening.			1881.	1880.	1879.	1878.
January -	55,516	18,706	7,152	81,374	66,923	61,940	51,271	79,118
February -	33,208	15,985	6,464	55,657	55,713	47,708	56,145	61,255
March - -	37,339	14,518	9,612	61,469	67,762	92,378	70,410	71,458
April - -	81,650	17,502	6,476	105,628	122,784	69,366	105,246	97,705
May - -	65,388	20,772	9,544	95,704	73,267	127,044	67,703	62,038
June - -	49,126	17,658	11,645	78,429	118,535	87,725	106,049	92,717
July - -	54,865	15,338	12,062	82,265	70,140	85,453	73,735	66,197
August - -	75,819	19,491	12,443	107,753	128,015	115,119	84,524	89,808
September -	54,745	20,035	10,884	85,664	83,169	70,939	76,543	75,225
October -	43,242	16,410	7,792	67,444	72,726	67,835	63,335	66,277
November -	36,461	12,048	8,562	57,071	60,328	66,831	55,298	54,404
December -	62,609	12,958	7,710	83,268	97,662	89,625	69,136	68,320
Totals -	649,959	201,421	110,346	961,726	1,017,024	981,963	879,395	884,502

Total since the opening of the Museum on the 22nd June 1857, 21,582,102.

(2.) COMPARATIVE STATEMENT of YEARLY ATTENDANCE of VISITORS from the opening of the MUSEUM, 1857 to 1882 inclusive.

YEAR.	Total for the Year.	Average Monthly Attendance.		Total Monthly Average.
		Free Days, Morning & Eveng.	Students' Days.	
1857 - - (From 22nd June.)	268,291	39,906	4,809	44,715
1858 - -	456,288	32,284	5,740	38,024
1859 - -	475,365	33,373	6,241	39,614
1860 - -	610,696	41,541	9,350	50,891
1861 - -	604,550	40,848	9,531	50,379
1862 - -	1,241,369	85,726	17,721	103,447
1863 - -	726,915	49,652	10,924	60,576
1864 - -	653,069	44,300	10,122	54,422
1865 - -	692,954	48,230	9,516	57,746
1866 - -	756,075	53,111	9,895	63,006
1867 - -	646,516	43,393	10,483	53,876
1868 - -	881,076	63,881	9,542	73,423
1869 - -	1,042,654	77,817	9,154	86,971
1870 - -	1,014,849	74,863	9,708	84,571
1871 - -	939,329	69,495	8,782	78,277
1872 - -	1,156,068	84,693	11,645	96,339
1873 - -	859,037	63,867	7,719	71,586
1874 - -	914,127	66,929	9,248	76,177
1875 - -	830,212	60,117	9,067	69,184
1876 - -	1,173,351	85,835	11,944	97,779
1877 - -	913,701	66,926	9,215	76,141
1878 - -	884,502	64,207	9,501	73,708
1879 - -	879,395	64,978	8,305	73,283
1880 - -	981,963	72,577	9,273	81,830
1881 - -	1,017,024	75,815	8,937	84,752
1882 - -	961,726	70,948	9,195	80,144
Total from June 1857	21,582,102	Yearly average for 24 years, omitting 1857 and 1862, 836,352.		

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

STATEMENT OF ATTENDANCE OF VISITORS.

(3.) ATTENDANCE OF THE PUBLIC DURING HOLIDAYS.

YEAR.	Easter.		Whitsuntide.		Christmas.	
	Easter Monday.	Easter Week.	Whit-Monday.	Whitsun-Week.	Boxing Day.	Christmas Week.
1857	- -	- -	- -	- -	5,918	21,649
1858	6,151	15,218	4,427	15,409	9,683	24,322
1859	5,000	20,020	5,268	14,512	8,651	26,847
1860	9,648	28,108	8,587	19,823	5,957	14,830
1861	7,100	24,919	8,011	19,599	9,694	27,165
1862	16,332	39,048	14,070	36,798	5,962	20,521
1863	11,786	20,076	6,552	15,404	8,382	23,622
1864	8,559	27,518	6,285	16,005	12,898	35,984
1865	7,322	29,778	13,108	30,487	12,637	27,754
1866	11,710	30,000	9,571	34,723	9,816	24,108
1867	10,422	26,594	7,371	22,577	5,976	21,790
1868	12,494	35,241	7,504	27,591	20,629	48,037
1869	20,405	54,354	17,856	40,868	21,615	51,259
1870	19,824	48,043	14,317	37,013	16,750	41,433
1871	21,626	50,385	15,364	33,359	19,650	45,592
1872	38,723	91,838	21,304	42,214	20,654	44,932
1873	20,656	41,218	15,244	34,565	17,425	36,379
1874	27,760	53,890	16,479	43,925	12,796	29,224
1875	23,975	44,950	13,427	32,967	21,050	44,184
1876	24,436	47,957	30,579	67,653	17,325	36,304
1877	26,724	49,627	23,892	49,022	15,548	38,844
1878	23,842	47,538	20,398	43,781	8,123	23,934
1879	27,164	53,294	27,275	53,194	10,595	31,713
1880	23,437	43,689	33,585	65,893	23,688	45,465
1881	31,900	62,965	30,274	61,749	16,728	55,855
1882	25,890	50,996	19,280	42,889	17,001	42,770

BETHNAL GREEN MUSEUM.

STATEMENT OF ATTENDANCE OF VISITORS.

BETHNAL GREEN BRANCH MUSEUM.

(4.) MONTHLY ATTENDANCE of VISITORS at BETHNAL GREEN BRANCH MUSEUM.

1882.	Free Days.		Students' Days.	Totals.	Corresponding Nos. in		
	Morning.	Evening.			1881.	1880.	1879.
January -	21,197	19,899	64	41,160	36,036	35,041	30,805
February -	14,932	14,135	47	29,114	30,953	29,550	33,165
March -	17,045	16,698	88	33,831	35,387	47,214	39,120
April -	26,179	21,800	71	48,050	50,414	31,463	53,670
May -	21,276	19,548	71	40,895	32,380	42,663	34,252
June -	16,128	13,416	88	29,632	41,739	27,730	44,259
July -	16,881	15,370	101	32,352	26,407	28,827	34,135
August -	26,323	18,508	202	45,033	46,724	47,073	43,293
September	18,331	18,195	170	36,696	35,091	29,680	39,552
October -	15,882	16,297	72	32,251	34,018	30,698	31,215
November	15,159	14,059	64	29,282	31,867	33,109	26,705
December -	26,745	18,568	83	45,396	50,171	41,361	33,850
Totals -	236,078	206,493	1,121	443,692	451,187	424,409	444,021

Total since the opening of the Museum on the 25th June 1872, 6,535,408.

(5.) RETURN of ADMISSION FEES received at BETHNAL GREEN BRANCH MUSEUM.

1882.	Admission Fees.			Periodical Tickets.			Catalogues.			Waiting Rooms.			Totals.		
	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*
January - -	1	7	6	0	1	6	0	0	6	1	1	5	2	10	11
February -	1	1	6	0	1	6	0	4	4	0	17	7	2	4	11
March - -	2	0	6	0	1	6	0	2	9	1	6	1	3	10	10
April - -	1	15	0		—		0	1	10	1	12	11	3	9	9
May - -	1	14	0		—		0	5	10	1	8	9	3	8	7
June - -	2	2	0		—		0	6	3	1	1	7	3	9	10
July - -	2	9	0		—		0	3	3	1	6	8	3	18	11
August - -	5	0	0		—		1	8	3	1	17	5	8	5	8
September -	4	2	6		—		0	4	1	1	9	3	5	15	10
October - -	1	15	6		—		0	4	1	1	2	10	3	2	5
November -	1	10	6		—		0	1	8	0	14	4	2	6	6
December	0	13	6		—		0	3	5	1	9	4	2	6	3
Total -	25	11	6	0	4	6	3	6	3	15	8	2	44	10	5
1872, 24 June to 31 Dec.	1,850	1	0	4	14	6	769	19	9	54	15	2	2,679	10	5
1873 - -	1,094	13	6	10	12	6	372	6	7	49	19	11	1,527	12	6
1874 - -	318	8	0	9	18	0	93	14	2	22	12	5	444	12	7
1875 - -	168	0	0	3	14	6	34	0	2	19	2	0	224	16	8
1876 - -	573	17	0	4	0	0	20	7	2	25	19	11	624	4	1
1877 - -	413	14	6	1	11	0	23	13	6	10	19	6	449	18	6
1878 - -	91	8	2	1	0	6	24	0	6	14	8	4	130	17	6
1879 - -	32	5	0	0	13	0	4	10	0	13	5	9	50	13	9
1880 - -	16	15	6		—		4	3	7	12	17	5	33	16	6
1881 - -	22	14	0	0	1	6	3	5	10	14	15	6	40	16	10

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

STATEMENT OF RECEIPTS.

(6.) COMPARATIVE STATEMENT OF RECEIPTS, AT SOUTH KENSINGTON MUSEUM, PAID INTO THE EXCHEQUER.

——	1857.	1858.	1859.	1860.	1861.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission fees	431 5 4	864 3 0	853 5 0	1,599 9 6	1,428 1 6
Periodical tickets	13 17 0	51 1 6	35 4 6	62 3 0	75 0 6
Catalogues	91 3 7	181 13 2	168 1 6	260 6 8	193 3 7
Lecture tickets	19 6 0	66 12 6	72 15 6	30 7 9	39 5 6
Refreshment rooms	18 18 9	50 14 9	42 12 1½	43 8 10	100 0 0
Waiting rooms	12 16 1	17 1 10	13 15 6	21 13 6	25 9 2
Private societies	—	24 0 0	13 0 0	42 12 3	37 3 6
Total	587 6 9	1,255 6 9	1,198 14 1½	2,060 1 6	1,898 3 3

continued.

——	1862.	1863.	1864.	1865.	1866.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission fees	3,334 16 6*	2,030 3 6†	1,024 5 6	1,204 1 0	1,167 16 0
Periodical tickets	78 11 6	69 0 0	82 2 6	90 1 0	86 9 0
Catalogues	892 2 10	224 5 3	142 2 2	71 0 2	97 15 8
Lecture tickets	11 17 6	7 4 6	8 10 6	13 2 6	9 4 0
Refreshment rooms	319 5 3	198 18 10	184 19 9	225 18 5	229 19 1
Waiting rooms	127 1 5	49 17 6	51 1 3	60 15 8	68 1 10
Private societies	108 15 0	29 0 0	34 16 0	35 0 0	31 0 0
Total	4,872 10 0	2,608 9 7	1,527 17 8	1,699 18 9	1,690 5 7

continued.

——	1867.	1868.	1869.	1870.	1871.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission fees	1,069 11 0	1,475 17 6	1,737 17 6	1,824 14 0	1,599 7 0
Periodical tickets	92 7 0	117 16 0	161 3 0	172 17 6	172 8 0
Catalogues	110 4 8	95 15 7	170 13 3	145 12 10	173 7 7
Lecture tickets	6 6 0	6 9 0	37 18 0	15 1 0	14 2 0
Refreshment rooms	187 8 10	216 5 8	241 10 3	248 7 2	224 0 3
Waiting rooms	53 1 10	61 19 5	79 8 0	80 16 10	94 3 2
Private societies	31 0 0	25 0 0	25 0 0	25 0 0	83 10 0
Forfeits for lost keys	—	—	—	—	0 15 0
Total	1,549 19 4	1,999 3 2	2,453 10 0	2,512 9 4	2,361 13 0

* International Exhibition year, 1862.
† Wedding Presents of H.R.H. the Princess of Wales, 1863.

Comparative Statement of Receipts—*continued.*

continued.

——	1872.	1873.	1874.	1875.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission fees - -	2,322 9 6	1,537 11 0	1,706 6 0	1,625 6 6
Periodical tickets - -	189 15 0	187 14 6	178 6 0	180 5 0
Catalogues - - -	213 19 10	173 18 4	211 11 8	229 19 11
Lecture tickets - -	13 15 0	28 12 0	25 17 0	17 17 0
Refreshment rooms - -	285 11 6	203 16 2	200 1 3	145 15 1
Waiting rooms - -	124 15 10	93 1 0	101 8 3	97 18 3
Private societies - -	63 0 0	61 10 0	100 10 0	25 0 0
Forfeits for lost keys - -	0 5 0	0 7 6	0 17 6	0 7 6
Total - -	3,213 11 8	2,286 10 6	2,524 17 8	2,322 9 3

continued.

——	1876.	1877.	1878.	1879.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission fees - -	2,149 1 0	1,553 17 6	1,700 2 6	1,443 5 6
Periodical tickets - -	187 3 6	183 8 0	181 2 6	117 2 6
Catalogues - - -	402 12 0	200 3 1	113 16 10	114 19 10
Lecture tickets - -	16 7 0	42 11 0	37 12 0	29 13 0
Refreshment rooms - -	183 7 8	155 9 9	154 2 7	149 10 4
Waiting rooms - -	103 12 4	89 8 3	96 4 8	94 18 7
Private societies - -	25 0 0	50 0 0	161 0 0	36 0 0
Forfeits for lost keys - -	1 10 0	1 0 0	1 12 6	—
Total - -	3,068 13 6	2,275 17 7	2,445 13 7	2,045 9 9

continued.

——	1880.	1881.	1882.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Admission fees - -	1,477 2 6	1,358 1 0	1,399 4 6	41,270 2 4
Periodical tickets - -	174 2 6	149 11 0	133 11 0	3,431 14 6
Catalogues - - -	81 1 8	53 14 7	64 2 2	4,931 3 0
Lecture tickets - -	24 10 0	37 5 0	26 6 0	695 12 3
Refreshment room - -	148 1 7	146 9 8	140 14 2	4,591 17 4½
Waiting rooms - -	113 16 6	101 16 6	95 5 5	2,031 5 1
Private societies - -	204 0 0	154 0 0	43 0 0	1,621 16 3
Forfeits for lost keys - -	—	—	1 15 0	8 10 0
Total - -	2,222 14 9	2,000 17 9	1,903 18 3	58,582 0 9

Appendix E.

REPORT ON SOUTH KENSINGTON MUSEUM.

2. REPORT OF DIRECTOR for ART as to his Charge of the BRITISH and FOREIGN PICTURES and DRAWINGS in the FINE ART COLLECTIONS at SOUTH KENSINGTON.

I HAVE to report that the paintings under my charge continue to be in a satisfactory condition, every care being taken to prevent any tendency to decay or accidental injury while they are open for study and inspection by the public.

One oil-painting has been bought; a court scene by the late J. H. Wilson.

The historical collection of water-colours has received 30 additions by purchase, for the most part drawings of landscape and architecture. Among them are four flower-pieces and one miniature portrait. This collection has also been enriched by four works of the late J. Varley, given, along with four portraits in oil of the Denny family, by Sir E. Denny, Bart., by a miniature portrait of the late Sir W. Ross, given by Mr. T. Milnes, and a landscape by the late C. Barber, given by Mr. J. V. Barber.

Sir George Birdwood has presented six water-colour sketches of natives of India.

By a bequest of the late Miss M. Coutts-Trotter the Museum has become possessed of seven oil-paintings by old masters, mostly Italian.

In the bequest of the late Mr. John Jones are included 105 oil-paintings, 19 water-colour drawings, and 137 portrait miniatures in oil, water-colour, and enamel, many of them of great excellence and value. These are exhibited with the rest of the collections bequeathed by Mr. Jones in the Competition Galleries.

The additions during the past year have been:—

Gifts—	
Oil-paintings - - -	4
Water-colours - - -	12
Bequests—	
Oil-paintings - - -	112
Water-colours - - -	19
Portrait miniatures in oil, water-colour, and enamel - -	137
Purchases—	
Oil paintings - - -	1
Water-colours - - -	30
Total -	315

(Signed) T. ARMSTRONG,
Director for Art.

APPENDIX F.

Appendix F.

Report by Prof. Geikie.

REPORT of the DIRECTOR-GENERAL of (1.) the GEOLOGICAL SURVEY of the UNITED KINGDOM, (2.) the MUSEUM of PRACTICAL GEOLOGY, and (3.) the MINING RECORD OFFICE.

Geological Survey Office,
28, Jermyn Street, London, S.W.,
10th January 1883.

SIR,

I HAVE the honour to lay before you, for the information of the Lords of the Committee of Council on Education, my Report for 1882 of the Geological Survey of the United Kingdom, of the Museum of Practical Geology, and of the Mining Record Office.

My predecessor, Sir Andrew C. Ramsay, F.R.S., resigned the office of Director-General on 31st December 1881. I desire to be permitted to place on record an expression of the sincere regret of the whole staff at the severance of his connexion with this establishment, over which he had so long and so ably presided.

(1.) GEOLOGICAL SURVEY (ENGLAND AND WALES).

Mr. Bristow, Senior Director, reports that in England and Wales the area of new ground surveyed during the past year is 1,144½ square miles, with 3,689¾ miles of geological boundary lines. In addition to this amount the re-survey referred to in last report was continued over an area of 590 square miles, with 3,148 miles of boundary.

Area surveyed, 1,734½ square miles, 6,837¾ miles of boundary.

The total amount of new and revised survey is thus, 1,734½ square miles, with 6,837¾ miles of boundary lines. In making a computation of the average amount of ground returned by each surveyor, and of the proportion between the area surveyed and the extent of boundary lines traced, it would be desirable, but is scarcely practicable, to separate the new work from the revised. Taking the two together, and reckoning the effective force at 20 surveyors, the average area surveyed by each man is about 85·4 square miles, with 337·8 miles of boundary lines, in the proportion of nearly 4 miles of boundary lines to every square mile of area.

There is a slight falling off (105 square miles) in the total area returned as compared with that for 1881, but this is accounted for partly by the diminution in the effective strength of the staff owing to resignations, and partly by the excessive rains in the last quarter of the year. The number of surveyors continuously employed in field-work has been 20.

Four members of the Survey, Messrs. Aveline, Penning, Skertchly, and Rutley, have resigned during the year. Mr. Aveline, having been upwards of 40 years in the service, retired on superannuation. His area as District Surveyor was thereupon placed under the charge of Mr. H. H. Howell, who has now the direct superintendence of the field-work of the whole of the North of England, as well as of the counties of Lincoln and Nottingham.

The supervision of the mapping in the Norfolk District has been, as formerly, divided between Mr. Whitaker and Mr. Woodward. The distribution of the officers and their areas of survey are shown in Table I.

Appendix F.

REPORT BY PROF. GEIKIE.

One-inch maps published.

Twenty-one maps on the one-inch scale have been published, viz.:—

Solid and Drift (making two versions of each map), 51 S.E., N.W., 80 S.W. (new edition of the Solid Geology, reduced from a survey on the six-inch scale), 93 N.E., 94 N.E., 96 S.E.

Solid, 98 N.W.

Drift, 103 S.E., 105 S.E., 109 S.E., also five sheets in the Eastern Counties, of which no separate map of the Solid Geology will be published, viz. 48 N.E., N.W., 50 N.W., 66 N.E., 67 S.

Ten maps have been sent to the engraver, viz.:—

Solid and Drift:—79 N.W. (from a new survey on the six-inch scale), 84, 85, 93 S.E., 94 S.W., N.W.

Drift:—47, 49 N., 50 N.E., 102 N.E.

Fifty-two sheets, or quarter-sheets, of the one-inch map are now being engraved. Fifty-one of these will be published as Drift Maps, while 31 will be published showing also the Solid Geology, making a total of 82 separate maps.

The engraving and publication of six-inch maps having been suspended to expedite the progress of the one-inch map, only one sheet on this scale, viz., 47 Durham, has been sent to the engraver during the year.

Fifty-three MS. coloured copies of six-inch maps, not intended for publication on that scale, have been deposited in the office, viz.:—

MS. coloured maps, 6-inch scale, deposited in the office.

Northumberland, 5, 6, 9, with 8A, 13, 34, 35, 36, 70, 71, 78, 79, 86.

Durham, 54, 55.

Yorkshire, 193, 194, 197, 206, 209, 212, 213, 221, 222, 223, 224, 225, 227, 228, 237, 238, 238A, 240, 241, 242, 243, 252, 253, 254, 255, 256, 257, 266, 267, 268, 269, 269A, 278.

Horizontal sections published.

Three sheets of horizontal sections have been published, viz.:—No. 126 over the Chalk and Tertiary beds, from near Chelmsford, past Cambridge to Maddingley Park; No. 127 (scale 18 inches to 1 mile), the Norfolk Cliffs from Happisburgh to Weybourne; No. 129, across the Lower Coal Measures from Baildon Common, over the Millstone Grit and Carboniferous Limestone of Ilkley, to Wharfedale, Greenhow Hill, and Great Whernside, to Wensleydale.

Vertical sections being engraved and in preparation.

Two sheets of vertical sections for the Whitehaven Coalfield and adjacent districts are being engraved, and three additional sheets for the same area are in preparation.

Memoirs published.

The following memoirs have been published during the past year:—

The Vertebrata of the Forest-bed Series of Norfolk and Suffolk, by E. T. Newton, pp. viii., 143; 19 plates. Price 7*s.* 6*d.*

The Geology of the Country around Cromer (Explanation of Sheet 68E), by Clement Reid (parts by H. B. Woodward), pp. x., 143, with coloured plate of sections and 13 woodcuts. Price 6*s.*

The Geology of the Country between Whitby and Scarborough (explanation of quarter-sheet 95 N.W.), by C. Fox-Strangways and G. Barrow, pp. iv. 60. Price 1*s.* 6*d.*

Explanation of Horizontal Section Sheet 127, by Clement Reid, pp. 4. Price 2*d.*

The following memoirs are ready for press, viz.:—

The Geology of the country North-east of York (illustrating quarter-sheet 93 N.E.), by C. Fox-Strangways.

The Geology of the country around Diss, Ixworth, &c. (illustrating quarter-sheet 50 N.W.), by F. J. Bennett.

The Geology of Coverdale, Colsterdale, and parts of Wensleydale and Nidderdale (explanation of quarter-sheet 97 S.E.), by J. R. Dakyns and W. H. Dalton.

Continuous progress has been made at the Ordnance Survey Office in improving the topography of the older sheets of the Geological Survey

by inserting the lines of railway upon the plates. This has been done during the past year for sheets 19, 22, 30, 31.

The revision which was found to be necessary in some areas of the Northern Counties, and which has been referred to in previous reports, has delayed the completion of the one-inch map of England and Wales; but I confidently anticipate that by the end of the present year the whole of England will have been surveyed. The maps will then at once be prepared for the engraver and published as soon as may be practicable.

It is desirable that at the earliest possible date the public should be in possession of a general Geological Map of the United Kingdom on the scale of one inch to a mile. The whole energy of my staff will be devoted to the completion of this map. As the officers finish their districts in England, such of them as can undertake the difficult mountainous areas of Scotland will be transferred to the North.

The completion of the one-inch map of the Solid Geology of England and Wales will terminate one of the most important tasks for which the Geological Survey was instituted.

As the surveyors are successively available, such of them as are not drafted into Scotland will proceed with the work which remains to be accomplished. The first task to be undertaken will be the completion of the survey of the superficial deposits, which is so essential as a basis for the agricultural valuation of land. For some years past the mapping of these deposits has advanced simultaneously with that of the rocks underneath them. But by far the larger part of the country was surveyed before the mapping of the surface geology was undertaken. It will be desirable also to resume the survey of the coalfields on the scale of six inches to a mile, which has been temporarily interrupted in order to hasten the completion of the one-inch map.

But the most important work lying before the Survey in England and Wales is the preparation of the geological description of the country. Already explanatory pamphlets have been issued for a number of the maps, while of a few larger areas more complete memoirs have been published. But of wide districts no descriptions whatever have been supplied, and without such explanatory text the maps and sections are not properly available as they ought to be for the information of the public.

It is desirable that every map should be accompanied by explanatory text, stating briefly and clearly the chief points of geological and economic importance in the area represented by the map.

These explanations, as designed by the late Sir Roderick Murchison, when Director-General, will form the basis of memoirs which will embrace a generalised view of the geological structure, and of the mineral and agricultural resources of the whole country.

GEOLOGICAL SURVEY (SCOTLAND).

Circumstances having rendered it expedient to delay the appointment of Director for this branch of the Survey, I have continued during the past year myself to superintend the field-work in Scotland, and have now to report as follows:—

The Geological Survey of Scotland has lost two of its ablest officers by the resignation of Mr. James Geikie, District-Surveyor, who has succeeded to the Professorship of Geology and Mineralogy in the University of Edinburgh, and of Mr. D. R. Irvine, Assistant Geologist.

The office of Director was filled up a few weeks ago by the appointment of Mr. H. H. Howell, District Surveyor of the Geological Survey of England and Wales, who for some time was engaged in Scotland during the earlier years of the Survey there, and whose long experience

Appendix F. — Report by Prof. Geikie.

in field-work and excellent administrative ability peculiarly fit him for the important position to which he has been promoted. As he is still engaged in superintending the completion of the mapping of the North and East of England, and it would be detrimental to remove him wholly at present from that work, I shall continue my personal direction of the Scottish Survey until the condition of the mapping of England will allow Mr. Howell to devote himself entirely to the work in Scotland.

The vacant District-Surveyorship has been filled up by the promotion of Mr. B. N. Peach from the rank of Geologist.

Area surveyed. 563¾ square miles, 1,753 miles of boundary.

Owing to the loss of two members of the staff, the severe illness of Mr. H. Skae, and the pressing nature of the Palæontological duties which detained Mr. B. N. Peach, Acting Palæontologist, considerably longer than usual in the office, the total area surveyed during 1882 is less than I had anticipated. It amounts to 563¾ square miles, and 1,753 miles of boundary, being 242¼ square miles of area and 287 miles of boundary less than in the previous year. This diminution can easily be accounted for by the causes above enumerated. Taking the effective field force for the whole year at five surveyors we find that the staff still maintains its reputation for hard work, the average area for each officer amounting to 113 square miles with 350 miles of boundary, in the proportion of about three miles of boundary lines to every square mile surveyed.

Seven surveyors have been engaged in field-work during this year. Three of these, however, were employed so short a time that their united areas do not nearly amount to the average area of a single surveyor continuously engaged. The details of the distribution of the field-work will be found in Table II.

The field-work has been prosecuted upon the one-inch scale, and I have every reason to be satisfied with the result of the adoption of this scale. In areas of considerable complication greater accuracy, as well as speed, are obtainable by mapping the ground on the six-inch scale, but over vast areas of the Highlands the smaller size is well adapted to express every structure and formation requiring to be shown upon the maps of the Geological Survey, and its adoption cannot but considerably expedite the progress of the work.

In continuation of the plan of field-work detailed in former reports a portion of the staff remained in the North-eastern Highlands to push the mapping inland towards the more mountainous areas. The lowlands of that region having been completely surveyed, some of the officers were transferred to the Southern Highlands, where considerable progress has already been made across the mountainous region between Dunkeld and Loch Lomond.

The nature of the country and climate renders it necessary so to arrange the distribution of the field-work that each surveyor may have a portion of mountainous ground to survey during the good months of the year, and a sufficient area of low ground to fall back upon when the mapping of the hills is not practicable. As the staff of the Survey in Scotland is increased I shall distribute the officers along the lowlands bordering on the Highlands, and push the work forward along converging lines towards the central mountainous area.

Fossils to the number of 2,786 have been collected during the year from Silurian, Carboniferous, and Glacial deposits; 28 specimens of rocks have been added to the Survey Collection.

The amount of Palæontological work devolving during the past year upon Mr. B. N. Peach has been so large as to detain him longer than usual in the office, and thus to diminish his area of field work. He has devoted himself specially to the study of the Silurian and Carboniferous fossils requiring to be determined for the preparation of the

Memoirs on the Geology of the South of Scotland. In the course of these researches he has examined and named 1,661 specimens. He has further assorted a collection of more than 2,000 specimens from the interesting series of Carboniferous strata in Eskdale, to which reference was made in last year's Report. In continuation of the researches enumerated in that report he has described two new genera and several new species of Crustaceans and Arachnids from the Carboniferous rocks of the Borders, and has prepared illustrative drawings of them. The work of the Palæontological Department in Scotland has thus been of considerable importance in adding other forms of life to those already known, as well as in furnishing precise data for the field work of the survey.

Appendix F. — Report by Prof. Geikie.

Petrographical work continues to be prosecuted in the Edinburgh office during the winter months. Since last Report 83 slices of some of the rocks met with in the course of the field-work have been prepared for the microscope, and have undergone examination. Mr. J. G. Grant-Wilson, who has in former years aided the survey by analyzing rocks, after completing his office-work and before again taking the field, completed three full analyses of the peculiar vitreous lava of the Cheviot district.

One sheet (No. 39) of the one-inch map of Scotland has been published embracing the Clackmannan coal field, the western half of the Ochil Hills, the Braes of Doune, the Valley of the Forth as far up as Cardross, and a portion of the Highlands to the north of Callander.

One-inch map published.

Eleven sheets are in the hands of the engraver, some of them being far advanced.

One Explanation has been issued descriptive of Sheet 97; others are in various stages of progress.

Geological Survey (Ireland).

Professor Hull, the Director of the Irish Branch of the Survey, reports that during the past year 705 square miles of new ground and 1,189 miles of boundary and coast-line have been surveyed, being in the proportion of about 78 square miles of area and 132 miles of boundary-line to each surveyor, or 1·68 miles of boundary line in every square mile surveyed.

This area is larger by 205 square miles than that reported for the previous year.

The new ground surveyed extends from Sligo Bay and Donegal Bay on the west to the coast of Antrim on the east, and as far north as the shores of Loch Foyle, a small tract of the promontory of Inishowen, in northern Donegal, having also been under examination.

The revision of previously-surveyed tracts, which has been in progress for some years, has been completed during the past year, when 401 square miles of area and 449 linear miles of boundary and coast-line were re-surveyed in the counties of Cork, Limerick, Carlow, Kildare, Wicklow, and Wexford. Taking the fresh survey and re-survey together we have a total of 1,106 square miles of area and 1,638 miles of boundary and coast line.

Area surveyed, 1,106 square miles, 1,638 miles of boundary.

The details of the distribution of the work, as regards officers and areas, will be found in Tables III., IV.

Professor Hull further reports that the re-surveys of the south and south-east of Ireland which have required the services of several of the ablest officers of the staff are now finished, so that henceforth the energies of the whole force will be concentrated on the completion of the general one-inch map of Ireland.

Appendix F.

REPORT BY PROF. GEIKIE.

One-inch maps published.

During the past year two new sheets of the one-inch map have been published, viz., No. 19, embracing portions of the counties of Londonderry and Antrim, and No. 26, containing a part of northern Tyrone and a small tract in the south of Londonderry. Several other sheets are in various stages of progress, viz., Nos. 13, 18, 20, 32, 33, 42, 43, 44, 55, and 56. Several revised sheets in the counties of Clare and Limerick have also been issued.

Memoirs published.

Three memoirs have been published, one by Mr. Egan on Sheet 19 of the one-inch map, one by Messrs. Wilkinson and Kilroe on Sheet 45, and one by Mr. Kinahan on Sheets 158 and 159. Several others are in various stages of progress towards publication.

No horizontal sections have been issued during the past year, nor is it desirable to resume the preparation of these sections until some further progress has been made with the survey of the still unexamined or uncompleted ground.

In the Palæontological Department the Acting Palæontologist, Mr. W. H. Baily, reports that 1,800 fossils were collected, and 2,500 were examined and placed in the Museum or otherwise disposed of, that the palæontological collection in charge of the Geological Survey in the Royal College of Science, Dublin, received considerable attention in respect of the cleaning, re-arranging, tableting and naming of specimens, that palæontological notes were supplied for several Explanations of survey maps, and that fossil localities in the county of Wexford were personally visited by him.

PALÆONTOLOGICAL DEPARTMENT, JERMYN STREET.

The resignation of Mr. Etheridge announced in last Report, led to a re-organisation of the work of this Department. The duties of the naturalists and palæontologists have been conjoined, and Mr. Sharman and Mr. E. T. Newton have been appointed palæontologists and curators of the fossil collections with an assistant.

These officers are now charged with the whole of the palæontological work of the Geological Survey of England and Wales and of the Museum of Practical Geology.

Messrs. Sharman and Newton report to me that during the past year 2,439 new specimens of fossils, presented to the Museum, collected by the officers of the Survey, or obtained by purchase, have been named, and added to the Museum. The greater number being Devonian, Carboniferous, and Permian Invertebrata, the series of fossils from these formations in the Museum has been critically revised and rearranged, so as to accommodate the new specimens. The fine series of polished Devonian Corals—a large proportion of which was presented by E. B. Luxmoore, Esq.—is especially worthy of notice.

The most important purchase made during the year was that of the original type of *Hybodus Bechei*, from the Lias of Lyme Regis.

The series of diagrams illustrative of the fossils, which are exhibited around the galleries, has been cleaned and refixed.

Silurian and Carboniferous fossils to the number of 2,168 from the survey collectors in Northumberland and Cumberland have been received.

3,727 specimens have been specifically determined and entered in the survey books; these include part of the Carboniferous specimens just mentioned, and also the series of Lias, Oolitic, and Cretaceous fossils collected in previous years under the superintendence of Messrs. Barrow, Jukes-Browne, Ussher, and Woodward.

The Lias and Oolitic specimens in the Museum cases are now being numbered, with a view to the preparation of catalogues for publication.

It is expected that the re-arrangement of the Secondary vertebrate fossils in the Museum, and the addition of new specimens will occupy much time during the ensuing year.

Museum of Practical Geology and Library.

Mr. Rudler, the curator and librarian, reports that in the past year the number of visitors admitted to the Museum of Practical Geology was 26,452 during the mornings, and 19,904 during the evenings, making a total of 46,356. In the year 1881 the Museum was visited by 44,065 persons, and there was thus in the course of 1882 an increase in the number of visitors to the extent of 2,291.

Lists of donations to the Museum and Library are appended to this Report. Satisfactory progress has been made in the development of the Museum, and a large number of specimens have been added to the mineral collections. Additional glass cases have been provided for the protection of several mining models; and the valuable collection of meteorites which formed part of the Ludlam bequest has been partially arranged with a view to its exhibition.

The Library continues to be daily consulted for technical purposes, especially by old students of the School of Mines, and by other persons interested in mining and metallurgical industry. A portion of the library relating to the biological sciences, and numbering 2,732 volumes, has been transferred to the Normal School of Science at South Kensington.

The theatre of the Museum has been used during the year for two courses of lectures to working men, one by Dr. Guthrie on Water, the other by Prof. Chandler Roberts on Metallurgy. The usual course of lectures on mining by Mr. W. W. Smyth has also been delivered in this theatre, and of late the room has been appropriated during the daytime to the use of the new class in mine surveying.

Mining Record Office.

Mr. Robert Hunt, Keeper of Mining Records, reports that he spent a month visiting nearly all the mines in Western Cornwall. Afterwards he made a similar tour through the "Black Country," the midland counties generally, and Yorkshire in particular, with a view to the statistical returns and mining plans to be obtained from the collieries, iron mines, and lead mines. In the autumn he devoted some time to an inspection of mines in Devonshire. As the result of his personal intercourse with the mining authorities he reports that he has obtained valuable data for the "Mineral Statistics of the United Kingdom," and large additions to the records of mines preserved in the Mining Record Office.

The collection of mining records now in that office is, in his opinion, more perfect than that of any other country in the world, and he hopes that means may be taken for preserving this great collection, which it would be impossible to replace.

It is gratifying to be able to report that the "Mineral Statistics" completed by Mr. Hunt, and his assistants Messrs. Meade and Jordan, continues to be appreciated in this country (as shown by the considerable sale which it enjoys) as well as abroad. Mr. Hunt states that he has received an application from the Chief of the Bureau of Industrial Statistics of Pennsylvania for information as to the mode of collecting the statistics in this country. He receives for deposit in the Mining Record Office the annual volumes on Commerce and Navigation and Industrial Statistics issued by the Bureau of Statistics of the United

Appendix F.

REPORT BY PROF. GEIKIE.

States. The transactions of the American Institute of Mining Engineers, as well as the official volumes of the Statistics of the Mineral Industries of France and Belgium, are regularly received.

The propriety of placing the Mining Record Office with the Department of Inspectors of Mines under the Home Office has been discussed. I trust that in any re-arrangement which may be proposed every care will be taken that the efficiency of the Mining Record Office may in no way be impaired. The office has been many years in existence, and the value of its work is widely recognised by those who are engaged in the mineral industries of this empire.

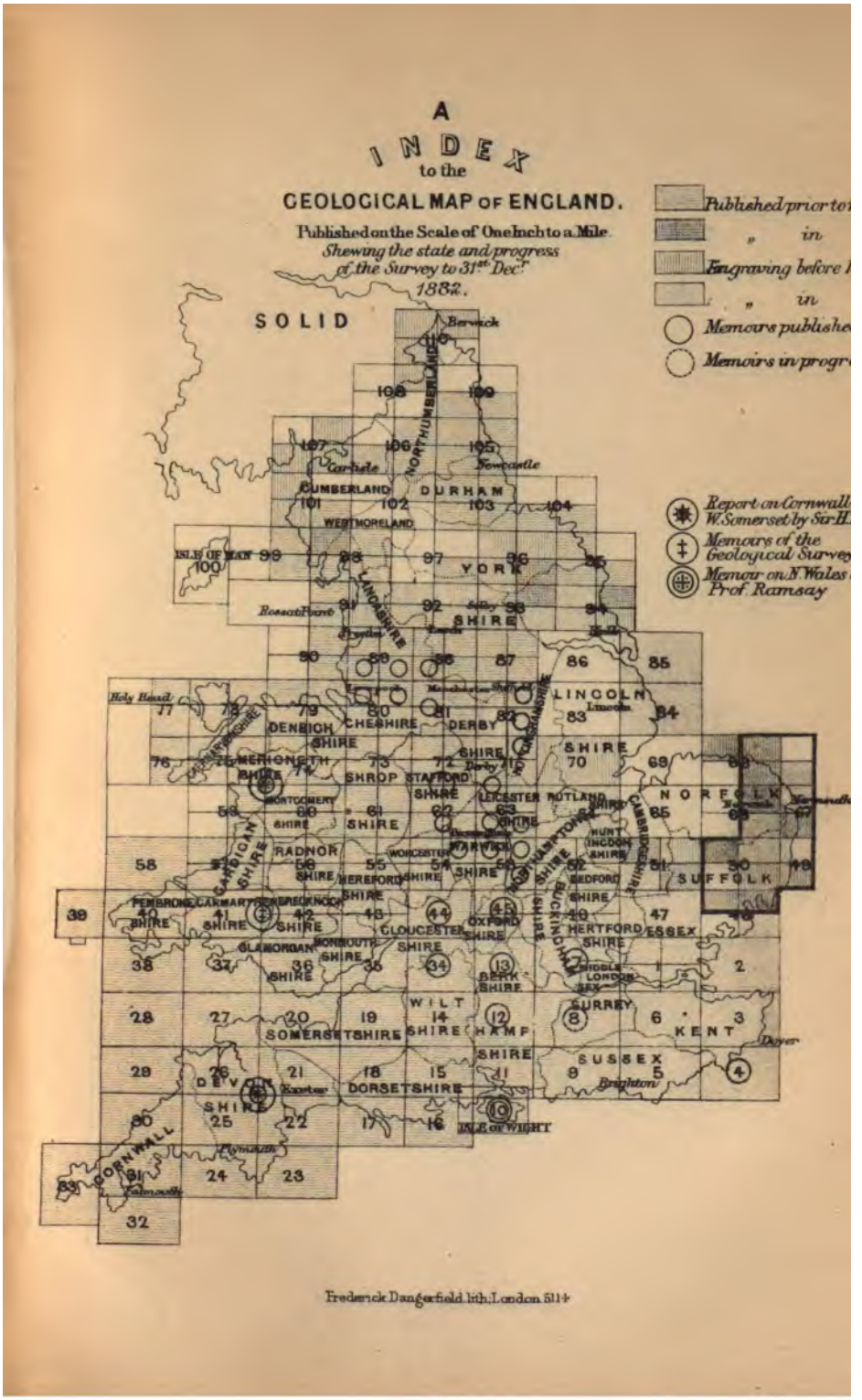
The following tabular statements and lists which have been referred to in this report are annexed, viz. :—

(I.) Table showing distribution of field-work in England and Wales.
(II.) Do. Do. in Scotland.
(III.) Do. Do. in Ireland.
(IV.) Do. Do. (re-survey) in Ireland.
(4.) List of donations to the Museum.
(5.) Do. to the Library.
(6.) Lists of plans, &c. deposited in the Mining Record Office.
(7.) A return of maps and other Survey publications issued to the Government agents for sale.

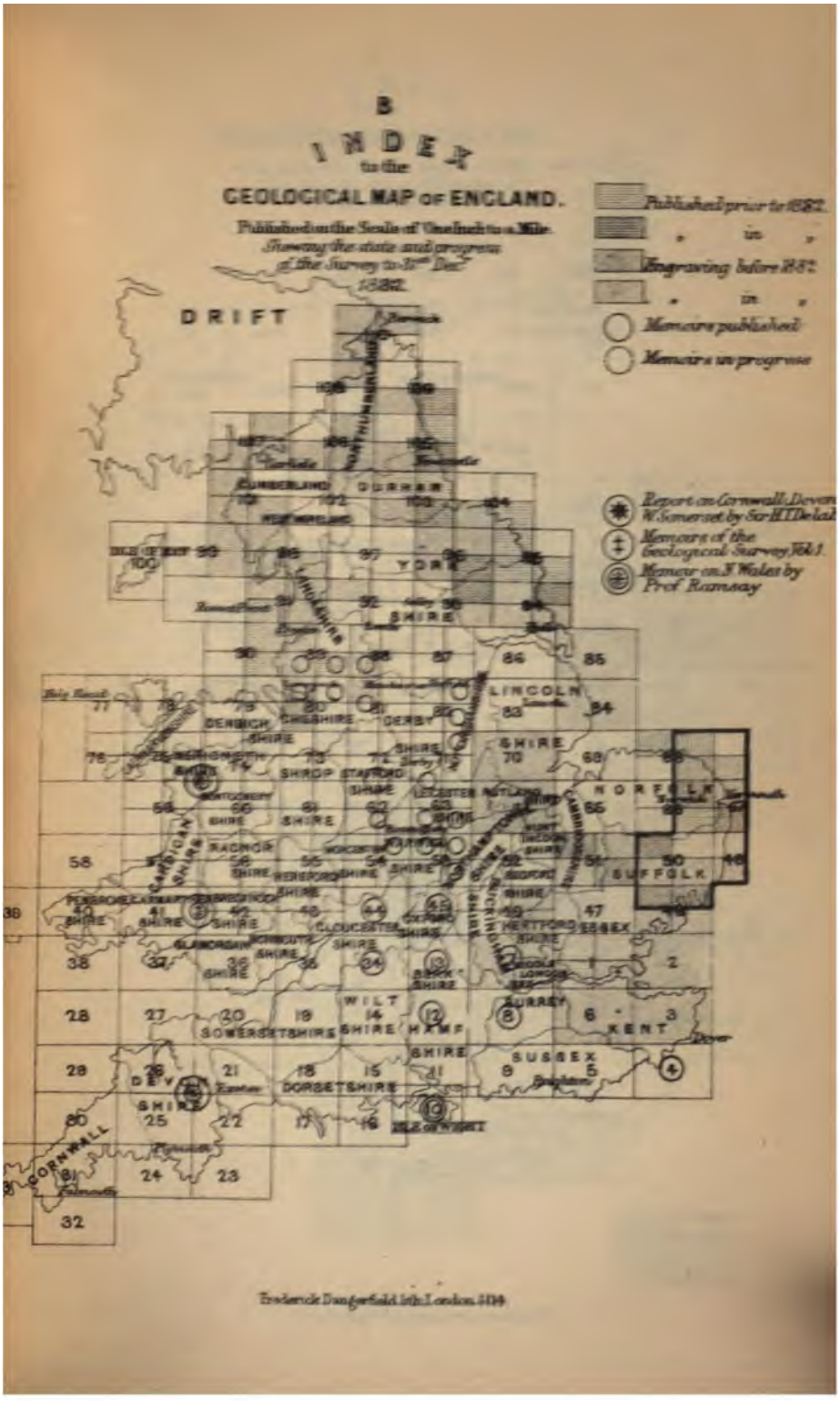
The accompanying index maps A., B., C., D., show the state of the surveys in England, Scotland, and Ireland, respectively, on the 31st of December last.

I have the honour to be,
Sir,
Your obedient servant,
ARCH. GEIKIE,
Director-General.

The Secretary,
Science and Art Department,
South Kensington, S.W.



Frederick Dangerfield lith. London S.E.


B
INDEX
to the
GEOLOGICAL MAP of ENGLAND.
Published on the Scale of One Inch to a Mile.
Showing the state and progress of the Survey to 31st Dec. 1882.
DRIFT
Published prior to 1882.
" in "
Engraving before 1882.
" in "
Memoirs published
Memoirs in progress
Report on Cornwall, Devon & W. Somerset by Sir H. De la Beche
Memoirs of the Geological Survey, Vol. I.
Memoir on S. Wales by Prof. Ramsay
CUMBERLAND
DURHAM
YORKSHIRE
LINCOLNSHIRE
DERBYSHIRE
NOTTINGHAMSHIRE
LEICESTERSHIRE
RUTLAND
NORFOLK
SUFFOLK
CAMBRIDGESHIRE
HUNTINGDONSHIRE
NORTHAMPTONSHIRE
BEDFORDSHIRE
HERTFORDSHIRE
ESSEX
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OXFORDSHIRE
BERKSHIRE
GLOUCESTERSHIRE
WORCESTERSHIRE
SHROPSHIRE
STAFFORDSHIRE
CHESHIRE
MONTGOMERYSHIRE
RADNORSHIRE
HEREFORDSHIRE
GLAMORGANSHIRE
MONMOUTHSHIRE
PEMBROKESHIRE
CARMARTHENSHIRE
CARDIGANSHIRE
WILTSHIRE
SOMERSETSHIRE
DEVONSHIRE
DORSETSHIRE
HAMPSHIRE
ISLE OF WIGHT
SURREY
KENT
SUSSEX
CORNWALL
Frederick Dangerfield lith. London.

C

INDEX
to the
GEOLOGICAL MAP OF SCOTLAND

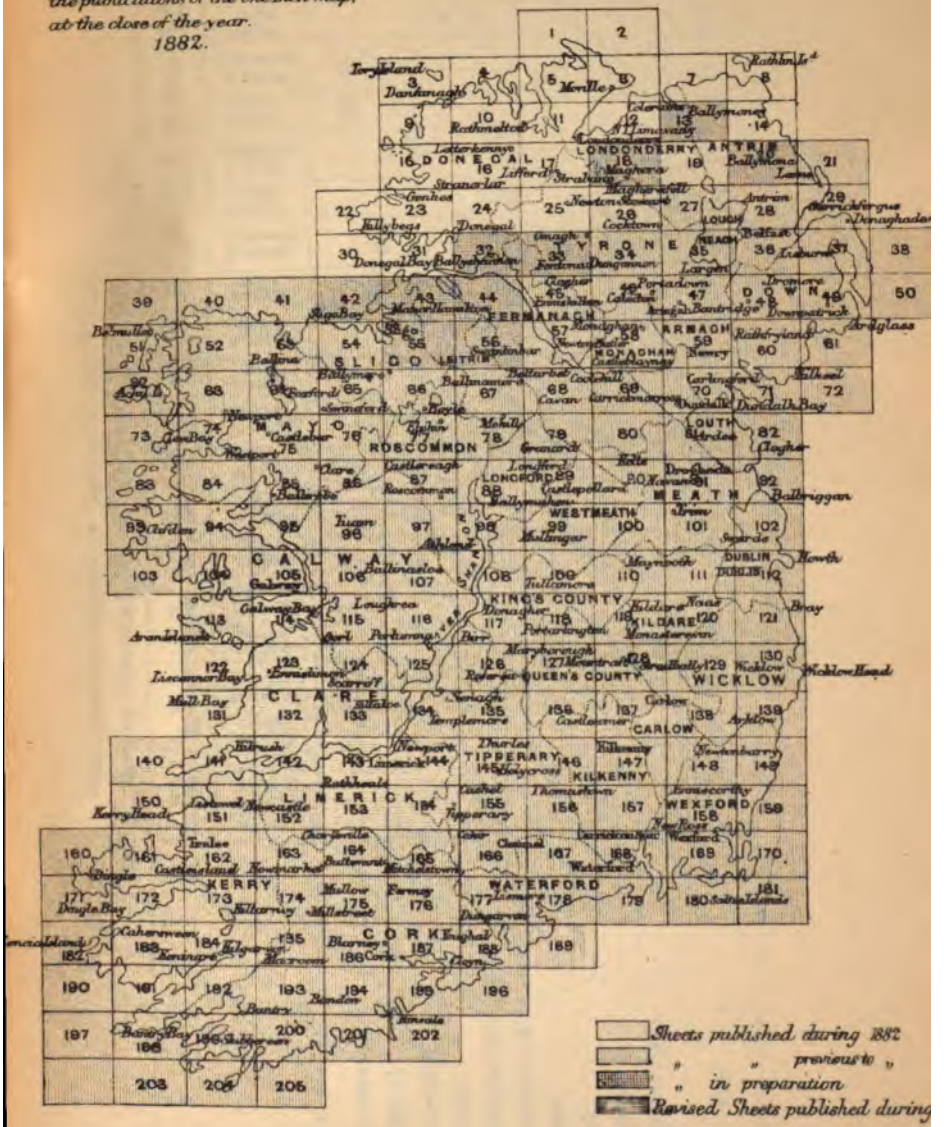
Published on the Scale of One Inch to a Mile
Shewing the state of Publication on the 31st Decr 1882.

Frederick Dangerfield lith. London & Edinburgh

D

INDEX
to the
GEOLOGICAL MAP OF IRELAND
Published on the Scale of One Inch to a Mile.

Index coloured to show the state of the publications of the one Inch map, at the close of the year. 1882.



Frederick Dangerfield, 4th, London SE.

Geological Survey of England and Wales.

Table I., showing Distribution of Field-work during the year 1882.

County.	W. Whitaker.		W. Topley.		J. R. Dakyns.		R. H. Tiddeman.		H. B. Woodward.		C. Fox-Strangways.		R. Russell.		W. H. Dalton.		W. Gunn.		C. E. De Rance.		F. J. Bennett.	
	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.
Northumberland	..	..	26*	81*	..	..	..	..	..	..	..	..	..	..	..	..	55¾*	647*	..	..	..	..
Cumberland	..	..	..	..	50*	474*	..	..	..	..	..	..	94*	287*	..	..	..	..	..	..	..	..
Westmoreland	..	..	..	..	7¼*	..	35½*	283½*	..	..	..	..	..	..	11*	45*	..	..	..	..	..	..
Yorkshire	..	..	..	..	11*	27*	..	..	..	..	..	25*	..	..	..	..	..	..	93*	372*	..	..
Flintshire and Denbigh	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20*	73*	..	..
Lincolnshire and Nottinghamshire	..	..	..	..	..	..	..	..	..	..	75¼	311¾	..	..	132	385	..	..	..	..	..	..
Norfolk	42	156	..	..	..	..	..	..	96	240	..	..	..	..	..	..	..	..	..	..	81	144
Suffolk	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	..	..	..	..
Cambridge	6	5	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..
Surrey and Hants	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	48	161	26	81	68¾	501	35½	283½	99	243	75¼	336¾	94	287	143	451	55¾	647	113	445	81	144

* Surveyed on the six-inch scale.

TABLE I., showing Distribution of Field-work—*cont.*

County.	W. A. E. Ussher.		J. H. Blake.		A. G. Cameron.		C. E. Hawkins.		H. Miller.		C. Reid.		A. J. Jukes-Browne.		C. T. Clough.		A. Strahan.		G. Barrow.		Total for County.	
	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.	Square miles.	Miles of boundary.
Northumberland	..	..	..	..	..	..	..	..	47*	419½*	..	..	..	..	51¼*	672*	..	..	..	..	180	1,819½
Cumberland	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	144	761
Westmoreland	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	54½	328½
Yorkshire	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22½*	114*	126½	538
Flintshire and Denbigh	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	73
Lincolnshire and Nottinghamshire	96½	361½	..	..	109½	209	..	..	..	..	185	200	96	200	..	..	145	659	..	..	839½	2,326½
Norfolk	..	..	55	194	..	..	15	33½	..	..	..	..	..	..	..	..	..	..	27	82	316	849
Suffolk	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
Cambridge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	8
Surrey and Hants	..	..	..	..	..	..	45¼*	107*	..	..	..	..	..	..	..	..	..	..	..	..	45½	107
Total	96½	361½	55	200	109½	209	60½	140½	47	419½	185	200	96	200	51½	672	145	659	49½	196	1,734½	6,837½

* Surveyed on the six-inch scale.

Geological Survey of Scotland.

Table II., showing the Area in Square Miles surveyed, Miles of Boundary traced, and Distribution of Field-work during the Year 1882.

County.	James Geikie.		B. N. Peach.		John Horne.		H. Skae.		D. R. Irvine.		J. S. G. Wilson.		James Linn.		Total.	
	Square miles surveyed.	Miles of boundary traced.	Square miles surveyed.	Miles of boundary traced.	Square miles surveyed.	Miles of boundary traced.	Square miles surveyed.	Miles of boundary traced.	Square miles surveyed.	Miles of boundary traced.	Square miles surveyed.	Miles of boundary traced.	Square miles surveyed.	Miles of boundary traced.	Square miles surveyed.	Miles of boundary traced.
Aberdeen	..	..	..	..	36	97	96	139	23½	89	..	..	..	13½	155½	338½
Banff, and Banff and Aberdeen.	..	..	..	..	74½	268½	..	..	..	..	..	..	114½	284	189	552½
Elgin	..	..	..	..	..	..	..	..	..	..	..	..	..	18½	..	18½
Forfar	1½	15	..	..	..	..	38½	80½	..	..	..	..	..	..	40½	95½
Perth and Stirling	9	80	44	160½	..	..	..	..	..	..	126	508	..	..	179	748½
Total	10½	95	44	160½	110½	365½	134½	219½	23½	89	126	508	114½	315½	563½	1,753

GEOLOGICAL SURVEY OF IRELAND.

TABLE III., showing DISTRIBUTION of FIELD-WORK (new ground) in 1882.

Names.	Antrim.		Donegal.		Fermanagh.		Leitrim.		Londonderry.		Sligo.		Tyrone.		Total.	
	Square miles.	Boundary and Coast.	Square miles.	Boundary and Coast.	Square miles.	Boundary and Coast.	Square miles.	Boundary and Coast.	Square miles.	Boundary and Coast.	Square miles.	Boundary and Coast.	Square miles.	Boundary and Coast.	Square miles surveyed.	Miles of boundary and Coast.
R. G. Symes	96	129	..	..	..	..	..	..	..	..	..	..	..	..	96	129
S. B. Wilkinson	..	..	..	..	6	12	50	78	..	..	10	16	..	..	66	106
J. Nolan	..	..	..	..	..	..	..	..	72	80	..	..	19	20	91	100
R. J. Cruise	..	..	40	103	..	..	12	24	..	..	..	..	..	..	52	127
F. W. Egan	7	6	..	..	..	..	..	..	89	158	..	..	..	..	96	164
E. T. Hardman	..	..	15½	25	..	..	34	62	..	..	24½	46	..	..	74	133
J. R. Kilroe	..	..	63½	126	..	..	..	..	..	..	..	..	35½	97	99	224
W. F. Mitchell	..	..	76	99	..	..	..	..	..	..	..	..	..	..	76	99
A. McHenry	55	107	..	..	..	..	..	..	..	..	..	..	..	..	55	107
Total	158	242	195	353	6	12	96	164	161	238	34½	62	54½	117	705	1,189

TABLE IV. GROUND RE-SURVEYED OR REVISED during the Year 1882.

Names.	Cork.		Limerick.		Carlow.		Kildare.		Wicklow.		Wexford.		Total.	
	Square miles.	Boundary.	Square miles.	Boundary.	Square miles.	Boundary.	Square miles.	Boundary.	Square miles.	Boundary.	Square miles.	Boundary.	Square miles surveyed.	Miles of boundary and Coast.
G. H. Kinahan	..	..	..	..	106	62	2	0	160	279	54	40	322	381
R. J. Cruise	70	61	9	7	..	..	..	..	..	..	..	..	79	68
Total	70	61	9	7	106	62	2	0	160	279	54	40	401	449

4. DONATIONS TO THE MUSEUM.

BAINBRIDGE, SEYMOUR and RATHBONE, Messrs.—Veinstone, showing successive deposits of amethystine and ferruginous quartz, fluor spar, iron pyrites, and calcite, from Pic Island, Lake Superior, U.S.A.

—— Several fine specimens of Native Copper, from Lake Superior, U.S.A.

—— Two specimens of Chlorite, pseudomorphous after crystals of Garnet, from Lake Superior, U.S.A.

BAUERMAN, H., Esq., F.G.S.—Two sections of Steel Rails illustrating reversed rolling or crop flatting, from the Britannia Rolling Mills, Middlesborough.

BURBROOK, R., Esq.—Specimens of Cat's Eye Quartz, from Griqualand West, South Africa.

BURTON, Capt. R. F., and Com. V. L. CAMERON, R.N., C.B.—Several specimens of auriferous quartz and brown iron ore, from the Gold Coast, West Africa.

CAFFERATA & Co., Messrs.—Two fine specimens of massive Anhydrite, and two of nodular and radiating Gypsum.

—— Large mass of Alabaster, with drusy cavity lined with fine crystals of selenite.

—— Crystallised Selenite. All from the New Red Marl, near Newark-on-Trent.

CALIPÉ, C., Esq.—Two small Medals in pure tin, engraved by the donor.

DAVIDSON, W., Esq.—Iron Pyrites with slickenside on opposite faces, from Smithfield, Cumberland Company, Nova Scotia.

DONERAILE, the Right Hon. Viscount.—A large miscellaneous collection of minerals and fossils.

EDE, H., Esq.—Two ancient Stone Picks, collected by the donor in 1873 on Salcombe Hill, Sidmouth, Devonshire.

GRAY, W., Esq.—Cut slab of Steatite, and a specimen of Picrolite, from Wolfestown, Quebec, Canada.

HARMAN, F.E., Esq.—Two large samples of Laterite, from Madras, India.

HAWKINS, C. E., Esq., F.G.S.—Specimen of Slag from the old iron workings of the Weald, near Alford, Surrey.

HERMAN, W. D., Esq.—Plate of Glass, devitrified by exposure for three weeks in a crucible at a red heat, from St. Helen's Glass Works, Lancashire.

HERSCHEL, Prof. A. S., F.R.A.S.—Model in Plaster of Paris of the Meteorite which fell at Middlesborough in March, 1881.

JACOB, E., Esq.—Samples of Silver Ore ("hard carbonate") from the Chrysolite and Evening Star Mines, Leadville, Colorado, U.S.A.

—— Silver Ore, yielding 356 oz. of silver per ton, and 22 per cent. of lead, from Rock Mine, Leadville.

—— Ore-bearing Carboniferous Limestone, from Carbonate Hill, Leadville.

—— Crystallised Embolite, from Chrysolite Mine, Leadville.

—— Silver Ore, from Fryer Hill, Leadville.

JAMES, J., Esq.—Case containing eight samples of Styrian Tool Steel, manufactured by Messrs. Böhler Brothers, Vienna.

KEOGH, A., Esq.—Specimen of Silicified Wood, cut for a brooch.

KRUMBHOLZ, C., Esq.—Worcester Cup, with ribbed body and gilt edge, printed in blue under the glaze with Chinese subjects.

LEFROY, General Sir J. H., K.C.M.G., C.B., F.R.S.—Sample of Tasmanite, from the banks of the Mersey, near Latrobe, Tasmania.

MANNING, W., Esq.—Iron Pyrites, yielding 2 oz. of gold and 6 ozs. of silver per ton, from Mount Rangitoto, Westland, New Zealand.

MAXWELL-LYTE, F., Esq.—Several samples illustrating the occurrence of Rock Salt in the New Red Marl, from Marston Mine, near Northwich, Cheshire.

—— Large Crystal of brown Apatite, from Canada.

—— Several Fossils from phosphatic deposits worked for coprolites in Minnesota, U.S.A.

Appendix F. — Report by Prof. Geikie.

Meinerzhagen, F. H., Esq.—A specimen of massive Pyrolusite, from Hawke's Bay, New Zealand.

—— Obsidian, from Mayor Island, Tauranga, N. Z.

—— Iron Sand, from Waikato River, Auckland, N. Z.

Minton, J. W., Esq.—Bronze Medals of the Right Hon. W. E. Gladstone and the late Charles Dickens, and a Silver Shell of the late Professor Graham; engraved by the donor and the late Mr. T. J. Minton.

Perceval, Spencer G., Esq.—Pebbles of Epidote Porphyry and nodular Felstone, from Rhyl, North Wales.

Petrie, W. M. Flinders, Esq.—Specimens of ancient Egyptian and Roman Pottery, and of coloured Glass and Porcelain; also,

—— A Calf's Head in Bronze cast over Iron Rods, from Egypt.

Reid, C., Esq., F.G.S.—Ice-scratched Stone from the Till of Happisburgh, near Cromer, Norfolk.

Reinsch, Prof. P. F.—Specimen of Cyprussite, from Bellahoussa Valley, Cyprus.

Rivers, Maj.-Gen. A. Pitt, F.R.S.—Samples of Morpholites or Flints from the Nummulitic Limestone, of Thebes, Egypt.

Robinson, W. R., Esq.—Seven samples of Diamond-bearing Material, illustrating the nature of the strata in the diamond mines of Karnul, Madras, India.

Rudler, F. W., Esq., F.G.S.—Specimen of Brucite from Siebenlehn, near Freiberg, Saxony.

—— Thulite, from Lexwig, near Drontheim, Norway.

Selwyn, Vice-Admiral Jasper H.—Native Silver in Sandstone, from Silver Reef, Washington Co., Utah, U.S.A.

Streeter, G. S., Esq.—White Sapphire, cut as a brilliant.

—— Rolled doubly-terminated crystal of Sapphire, from Ceylon.

—— Fragment of blue Aquamarine, from Ceylon.

Stuart, Major R.—Samples of Lead Ore rich in gold and silver, from Pelion Mines, Zagora, Greece.

Teague, Captain W.—Model, showing the adaptation of a Skip-way to a crooked shaft in a mine.

—— Model of Skip-way showing the advisability of working, in certain conditions, without back guides, as in actual work at Dolcoath and Tincroft Mines, Cornwall.

—— Model Section of the Highburrow Lode at Carn Brea Mines, showing pit work and skip-way.

—— Model of Combined Tossing and Packing Machine, as used for tin dressing at Carn Brea Mines, Cornwall.

Underwood, G., Esq.—Sample of Lead Ore, from Roman Gravels Boundary Mine, Shropshire.

Wilberforce, W., Esq.—Specimen of Veinstone, consisting of Galena and Fluorspar, from Rabenstein, Tyrol.

Winter, T., Esq.—Box containing Prometheans—formerly in use as matches.

Wood, T., Esq.—Ten small samples of the Strata bored through in sinking an Artesian Well at Littleton, Middlesex, in 1835.

Young, H. W. A., Esq.—Crystallised Barytes and Calcite, from Glengowla Mine, co. Galway, Ireland.

Arch. Geikie,
Director-General.

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5. Donations to the Library.

Académie Impériale des Sciences de St. Pétersbourg.—Mémoires. Tomes 29, 30. 8 parts. 4to. 1881–82.

Agassiz, A., and J. D. Whitney, Esquires.—Memoirs of the Museum of Comparative Zoology at Harvard College. Vol. 7, part 2. Bulletin of the Museum, Vols. 9 and 10. 6 numbers.

AKADEMIE DER WISSENSCHAFTEN, WIEN.—Sitzungsberichte. 5 parts. 8vo. 1881–82.

AMERICAN INSTITUTE OF MINING ENGINEERS.—Transactions. Vol. 9. 8vo. Easton, 1881.

AMERICAN MUSEUM OF NATURAL HISTORY.—Bulletin. Nos. 2, 3. 8vo. New York, 1882.

ASSOCIATION FRANÇAISE POUR L'AVANCEMENT DES SCIENCES.—Compte Rendu. 8vo. Paris. 1882.

BARRANDE, JOACHIM M.—Defense des Colonies. 8vo. Prague, 1881.

—— —— Acéphales. 8vo. Prague, 1881. (Both by the donor.)

BAUERMAN, H., Esq.—A Treatise on the Metallurgy of Iron. Fifth edition. By the donor. 12mo. London, 1882.

BRITISH ASSOCIATION,—Report of the Fifty-first Meeting, at York. 8vo. London, 1882.

BRITISH MUSEUM.—Catalogue of Fossil Foraminifera. 8vo. London, 1882.

BROECK, M. E. VAN DEN.—Diestien, Casterlien et Scaldisien; and three other pamphlets. By the donor. 8vo. Bruxelles, 1882.

CHAMBERLIN, T. C., Esq.—Geology of Wisconsin. Vol. 3, with atlas. 8vo. Beloit, 1880.

CHANNEL TUNNEL COMPANY.—The Channel Tunnel. By J. C. Hawkshaw. Folio. London, 1882.

CLARKE, Dr. HYDE.—Miscellaneous Pamphlets on the Tin Trade of Cornwall, &c. Folio. 1732, &c.

COLONIAL OFFICE.—Report upon the Coal Fields of Klip River, &c., Natal. By Frederic W. North. Folio. London, 1881.

COMMISSION FOR GEOLOGY OF ALSACE-LORRAINE.—Abhandlungen zur geologischen Spezialkarte. Band 2, Heft 2. 8vo. and 4to. atlas. Strassburg, 1882.

COOK, G. H., Esq.—Geological Survey of New Jersey. 8vo. Trenton, 1881.

COX, S. HERBERT, Esq.—Notes of the Mineralogy of New Zealand. By the donor. 8vo. Wellington, 1882.

CROOKES, W., Esq.—Report on London Water Supply, for 1881. 4to. London, 1882.

DANISH ACADEMY OF SCIENCES.—Oversigt. 3 parts. 1881–82.

DOLLO, M. L.—Note sur l'Ostéologie des Mosasauridæ. By the donor. 8vo. 1882.

DUPONT, M. E.—Sur l'Origine des Calcaires Devoniens de la Belgique. By the donor. 8vo. 1882.

FOREIGN OFFICE.—Calendar of the University of Tokio. 8vo. Tokio. 1880.

—— —— Contributions to North American Ethnology. Vol. 4. 8vo. Washington, 1881.

—— —— Jaarboeck van het Mijnwezen in Nederlandsch Oost-Indië. 2 Deel. 8vo. Amsterdam, 1881.

FOSTER, Dr. C. LE NEVE.—Mining and Scientific Press, San Francisco. Nos. for 1881.

—— —— Probierbüchlin. Von C. Schreittman. 8vo. Franckf., 1880.

FURNHJELM, M. E. H.—Mineral Statistics, &c., of Finland. 8vo. 1880.

—— —— Carte géologique de la Finlande. Liv. 5.

GOWLAND, W., Esq.—Report on the Imperial Mint, Japan. 8vo. Tokio, 1880.

HARRISON, W. J., Esq.—Geology of Lincolnshire. By the donor. 4to., pamphlet. Sheffield, 1882.

HECTOR, Dr. J.—New Zealand Institute Transactions. Vol. 14. 8vo. Wellington, 1882.

HELMERSEN, GENERAL G. VON.—Geologische and physico-geographische Beobachtungen im Olonezer Bergrevier. By the donor. 8vo. St. Petersburg, 1880.

Appendix F. — Report by Prof. Geikie.

India, Geological Survey of.—Memoirs of the Geological Survey, vol. 18, parts 1–3, and vol. 19, part 1.—Palæontologia Indica, 2 vols. and 5 parts.—Records, vols. 14, 15; 10 parts.

—— —— Manual of the Geology of India, part 3.

India Office.—Four pamphlets on the Meteorology of India. 1848–75.

—— —— Indian Meteorological Memoirs. Vol. 1. 4to. Calcutta, 1876–81.

—— —— Report on the Meteorology of India. By H. F. Blanford. 2 vols. 4to. Calcutta, 1881–82.

—— —— Report on the Operations of the Survey of India, By Lieut. General Walker. Folio. Calcutta, 1882.

Institution of Civil Engineers.—Proceedings. Vols. 67–70. 8vo. London, 1882.

Institution of Mechanical Engineers.—Proceedings for January, 1882.

Jacob, E., Esq.—Report upon the Geology and Mining Industry of Leadville, Colorado. By S. F. Emmons. Folio. Washington, 1882.

Jesup, President.—American Museum of Natural History. Bulletin. Nos. 1–3. 8vo. New York, 1881–82.

Jochams, M. le Président.—Commission de la Carte Géologique de la Belgique. Maps, sheet 15, No. 5, 6; 2 parts of text.

Johnston, Messrs. W. and A. K.—Botanical Atlas. By D. McAlpine. Part 1. 4to. Edinburgh, 1882.

Knop, Dr. A.—Uebersicht über die geologischen verhältnisse der Umgebung von Baden-Baden. By the donor. 8vo. Karlsruhe, 1879.

Lavalley, M.—Report on the Channel Tunnel Railway. By the donor. 8vo. London, 1882.

Liverpool Literary and Philosophical Society. Proceedings. No. 35. 8vo. 1881.

Liverpool Polytechnic Society.—Journal. 6 parts. 8vo. 1881.

Liversidge, Professor A.—Annual Report of the Department of Mines, New South Wales. 4to. Sydney, 1881.

—— —— Journal of the Royal Society of New South Wales. Vol. 15. 8vo. Sydney, 1882.

—— —— New South Wales in 1881. By Thomas Richards. 8vo. Sydney, 1882.

—— —— The Minerals of New South Wales. Second edition. By the donor. 4to. Sydney, 1882.

Maxwell-Lyte, F., Esq.—Article "Salt," from Spon's Encyclopædia. 8vo. London, 1882.

Michell, W. G., Esq.—Report of Rugby School Natural History Society. 8vo. Rugby, 1882.

Michigan, Governor of.—Mineral Statistics of Michigan. 8vo. Lansing, 1881.

Musée Royal d'Histoire Naturelle de Belgique. Bulletin. Tome 1, No. 1. 8vo. Bruxelles, 1882.

New South Wales, Department of Mines.—Reports for 1879–81, with maps. Folio. Sydney, 1881–82.

Newton, T. W., Esq.—Mines of Ouray County, Colorado. By W. Weston. 8vo. Denver, 1882.

North of England Institute of Mining Engineers. Transactions. Vols. 30, 31. 8vo. Newcastle-upon-Tyne, 1881–82.

Ohio Mechanics' Institute.—Scientific Proceedings. Nos. 1–3. 8vo. Cincinnati, 1882.

Park, Wm. A., Esq.—International Fisheries Exhibition. 2 parts. 4to. Stockholm, 1882.

Philosophical Society of Glasgow.—Reports relative to Exhibition of Apparatus for Utility of Gas, Electricity, &c. 8vo. Glasgow, 1882.

Posada, M. C. Barrial.—La Region Aurífera de Tacuarembó. By the donor. 4to. Montevideo, 1878–82.

—— —— Album de la República O. del Uruguay. 8vo. Montevideo, 1882.

POWELL, J. W., Esq.—United States Survey of the Rocky Mountain Region, Dakota. 4to. Washington, 1880.

—— —— Arid Region of the United States. By the donor. 4to. Washington, 1879.

REALE ACCADEMIA DELLE SCIENZI DI TORINO.—Atti. Vol. 17, disp. 3, 7. Bollettino dell' Osservatorio. 1882.

REALE COMITATO GEOLOGICO D'ITALIA.—Bollettino. Nos. 1–4. 8vo. Roma, 1882.

RICHARDS, T., Esq.—New South Wales in 1881. By the donor. 8vo. Sydney, 1882.

ROMINGER, C., Esq.—Geological Survey of Michigan. Vol. 4. 8vo. New York, 1881.

ROYAL GEOLOGICAL SOCIETY OF CORNWALL.—Transactions. Vols. 9, 10. 2 parts.—Catalogue of the Library. 8vo. Penzance, 1882.

ROYAL INSTITUTION.—Catalogue of Library. Vol. 2. Proceedings. Vol. 9. 8vo. London, 1882.

ROYAL SOCIETY OF EDINBURGH.—Transactions. Vol. 30, part 1. Proceedings, Sess. 1880–81.

ROYAL SOCIETY OF VICTORIA.—Transactions. Vol. 18. 8vo. Melbourne, 1882.

SELWYN, A. R. C., Esq.—Geological Survey of Canada. Report for 1879–80. 8vo. Montreal, 1881.

SMITHSONIAN INSTITUTION.—New York Academy of Sciences. Annals. Vols. 1, 2; 3 nos. 8vo. New York, 1879–80.

—— —— Report of the Board of Regents of the Smithsonian Institution. 8vo. Washington, 1881.—List of Foreign Correspondents. 8vo. Washington, 1882.

—— —— First Annual Report of the Bureau of Ethnology. By J. W. Powell. 8vo. Washington, 1881.

—— —— Memoirs of the American Academy. Vol. 11, part 1. 4to. Cambridge, 1882.

—— —— Congressional Directory. 8vo. Washington, 1882.

—— —— Bulletin of the Essex Institute. Vol. 13, parts 1–9. 8vo. Salem, 1882.

SOCIÉTÉ DE L'INDUSTRIE MINÉRALE, ST. ETIENNE.—Bulletin. Tome 11, liv. 1; with atlas. 8vo. and 4to. St. Etienne, 1882.

SOCIÉTÉ GÉOLOGIQUE DE FRANCE.—Bulletin. 8 parts. 8vo. Paris, 1879–82.

STATISTICAL SOCIETY. Journal. Vol, 44 and 45, part 1. 8vo. London, 1881–82.

STUDER, M. LE PRÉSIDENT. Beiträge zur geologischen Karte der Schweiz Heft 23. With two maps. 4to. 1881.

UNIVERSITY COLLEGE, LONDON. Calendar. 8vo. London, 1882.

WHITAKER, W., Esq.—Guide to the Geology of the Yorkshire Coast. By M. Simpson. 8vo. London, 1868.

WILLIS, H., Esq.—Blue Book of the Cape of Good Hope. Folio. Cape Town, 1882.

WOODWARD, H. B., Esq.—Memoir of Dr. S. P. Woodward. 8vo. Norwich, 1882.

—— —— Norwich Geological Society. Proceedings. Vol. 1, part 6.—Anniversary Address. 8vo. Norwich, 1882.

ARCH. GEIKIE,
Director-General.

Appendix F.

REPORT BY PROF. GEIKIE.

6. LIST of DOCUMENTS added to the MINING RECORD OFFICE during the Year 1882, and of Mine Plans and Sections completed to this date.

1. Craig Green, North Vein, Alston.
2. Thorngill Vein, East End, Alston.
3. Langley Barony Mine, plan and section.
4. Levant Mine, section of workings.
5. West Chiverton Mine, section of workings.
6. East Chiverton Mine, plan of workings.
7. Do. section of workings.
8. Goole Pellas Mine, plan of workings.
9. North Penstruthal Mine, plan of workings.
10. South Do. plan of workings.
11. New Kelly Mine, plan and section.
12. East Blue Hills Mine, plan and section.
13. West Providence Wheal, plan and section.
14. Do. section of Buzza Mine.
15. Old Owlacombe, plan of surface and workings.
16. Do. longitudinal and transverse section.
17. Do. longitudinal section on Brothers lode.
18. Great Work Mine, plan of workings.
19. Do. section of workings.
20. West Darlington Mine, plan of surface.
21. Do. section of mine workings.
22. Condurrow Mine, plan of workings.
23. Do. longitudinal section of workings.
24. Pendarves United, plan of workings.
25. Deerpark Mine, section of levels.
26. Do plan of surface.
27. Do. plan of workings.
28. West Wheal Basset and other mines, showing the relation of Flat Lode with surface of.
29. South Wheal Francs Mine Flat Lode, transverse section of Flat Lode.
30. West Wheal Basset Mine Flat Lode, transverse section of Flat Lode.
31. Ruther's Mine, plan of surface.
32. Do. plan of workings.
33. Do. section of workings.
34. South Hoo Silver Lead Mine, longitudinal section.
35. North Hoo Silver Lead Mine, longitudinal section.
36. Britannia Wheal Gwennap, plan of mine.
37. Nidderdale Mining Company, plan of mineral ground, 1864.
38. Do. plan of adjoining ground and section of Wonderful day level, 1859.
39. Cock Hill Mine, plan of surface and workings, 1804.
40. Merrifield vein and levels, section of level.
41. South Caradon Mine, plan of workings.
42. Do. longitudinal section of Kit lode.
43. Do. longitudinal section of Caunter lode.
44. Do. longitudinal section of Main lode.
45. Do. longitudinal section of Holman's lode.
46. Do. section of Child's lode.
47. West Caradon Mine, plan of underground workings.
48. Do. plan of surface sett and workings.
49. Cook's Kitchen, plan of sett and workings.
50. Do. longitudinal section of Chappel's lode.
51. Do. longitudinal section of Dunkin's lode.
52. Dolcoath Mine, plan of surface and workings.
53. Do. longitudinal section of mine.
54. Wheal Grenville, plan of workings.
55. Do. longitudinal section on main, &c., lode.
56. Do. longitudinal section on Western and Gold's shafts.

57. South Tolcarne, plan of surface sett and workings.
58. Do. longitudinal section of workings.
59. East Caradon Mine, plan of surface and workings.
60. Do. longitudinal section of Seccombe's lode.
61. Do. longitudinal section of Mark's lode.
62. Do. longitudinal section of Child's lode.
63. Do. longitudinal section of Caunter lode.
64. Trevellas Downs, St. Agnes, plan of mine bounds.
65. Polbreen Tin Bounds, plan of, 1835.
66. Wheal Agar, plan of underground workings.
67. Do. longitudinal section, East Pool lode.
68. Do. longitudinal section, north lode.
69. Blue Hills Mine, plan of workings.
70. ,, transverse section.
71. South Crofty, plan of surface, sett, and workings.
72. Do. plan of surface and workings (east part).
73. Do. longitudinal section on south lode.
74. Do. longitudinal section on Penhellick lode.
75. Pednandrea Mine, plan of surface and workings.
76. Do. longitudinal section to 140 fathoms level.
77. Do. plan of workings.
78. Do. plan of workings, Cruchley's shaft.
79. Do. transverse section.
80. Do. section on north Tin lode.
81. Do. section on Martin's and Engine lodes.
82. Do. plan of Pednandrea United.
83. West Godolphin Mine, plan of workings on Caunter lode.
84. Do. longitudinal section on north, south, and Caunter lodes.
85. Do. longitudinal section on Wilson's lode.
86. Great Work Mine, plan of workings.
87. Do. longitudinal section on Clarke's and Kendall's lodes.
88. Do. longitudinal section on Main lode.
89. Do. longitudinal section on Wheal Breage lode.
90. Do. longitudinal section, South Wheal Breage.
91. Do. longitudinal section, south lode
92. Do. longitudinal section, Bal West lode.
93. Do. longitudinal section, Richard's lode.
94. Do. longitudinal section on north lode.
95. Do. longitudinal section on Bull's lode.
96. Merrifield Lead Mine, plan of workings.
97. Camborne Vean and Wheal Frances, plan of surface and workings.
98. Do. Do. longitudinal section on south lode.
99. Do. Do. longitudinal section on middle lode.
100. Do. Do longitudinal section on main lode.
101. Borlase's Concave Buddle, Drawing of Cornish Centre Head.
102. Carn Brea Mine, plan of south lode.
103. Do. plan of new lode.
104. Do. plan of Druid's north lode.
105. Do. plan of workings.
106. Do. plan of Highburrow, Teague's, and south lodes.
107. Do. longitudinal section of north lodes.
108. Do. longitudinal section, south part of Druid's lode.
109. Do. longitudinal section, north part of Vigurs lode.
110. Do. longitudinal section of new lode.
111. Do. longitudinal section of Hichen's lode.
112. Do. longitudinal section of Vigurs lode.
113. Do. longitudinal section of Harrison's lode.
114. Do. longitudinal section of Highburrow lode.
115. Do. longitudinal section of Barncoose lode.
116. Do. longitudinal section of Dawes' lode.
117. Do. longitudinal section of Druid's lode.

Appendix F. — Report by Prof. Geikie.

118. West Wheal Seton, plan of workings.
119. Do. longitudinal section of south lode.
120. Do. transverse section.
121. West Pecvor, plan of sett and workings.
122. Treamble Mine, plan of mine workings.
123. Do. section of mine workings.
124. Gravel Hill Mine, plan of iron ore workings.
125. Wheal Peevor, plan of surface and workings.
126. Do. section on Sir Frederick's shaft.
127. Do. section on middle lode.
128. Do. section on south lode.
129. Do. transverse section.
130. Perkin's Beach Lead Mine, surface plan, showing run of the lodes
131. North Busy Mine, longitudinal section to 72 fathoms level.
132. Do. plan of workings to 72 fathoms level.
133. Wheal Comford, plan of workings.
134. Do. longitudinal section of workings.
135. Hodbarrow Iron Mine, plan and section.
136. Buzza Mine, transverse section of workings.
137. Wheal Coates, plan of workings.
138. North Penstruthal, plan of workings.
139. Do. section of workings.
140. South Penstruthal, plan of workings.
141. Do. section of workings.
142. Pednandrea Mine, section of workings.
143. West Kitty Mine, plan of workings.

Robert Hunt,
Keeper of Mining Records.

Table 7, showing Number of Maps and other Geological Survey Publications issued to Agents for the year 1882.

Particulars.	Number of Maps.			
	England.	Scotland.	Ireland.	Total.
Whole sheet, scale, 1 inch to 1 mile	484	69	193	746
Quarter sheets ,, ,,	1,420	—	—	1,420
Index maps ,, 1 inch to 4 miles	28	—	—	28
County maps ,, 6 inches to 1 mile	426	185	7	618
Horizontal sections - - -	199	12	8	219
Vertical sections - - -	86	25	—	111
Indexes of colours and signs -	17	—	1	18
Total - -	2,660	291	209	3,160

Arch. Geikie,
Director-General.

APPENDIX G.

REPORT of the DIRECTOR of the EDINBURGH MUSEUM of SCIENCE and ART for the Year 1882.

Museum of Science and Art,
Edinburgh, 20th January 1883.

SIR,

DURING the past year the progress of this Museum has in no respect been behind that of previous years. The painting of the interior of the building has been completed, and every part is again open to the public.

The stores have been carefully re-examined, and some portions of our valuable and extensive ethnographical collections have been brought out and re-arranged in juxtaposition to the large and important prehistoric archæological collection lent to the Museum by the Earl of Northesk, and they will greatly increase the educational value of that remarkable series. The task of re-arranging our specimens I entrusted to Mr. W. Clark, assistant in the Industrial Department, who has carried it out with great credit to himself and to my entire satisfaction.

Amongst the more important donations are a number of interesting models and other specimens from the Fisheries Exhibition held in this city last spring; a most interesting collection of ethnographical objects from the Nicobar Islands from Colonel Cadell, V.C.; a carved statue of an Indian goddess in stone from General Cadell; and some interesting Aino specimens from Mrs. Bishop (formerly Miss Bird), collected during her travels in the interior of Japan. The Edinburgh Geological Society has presented a large number of fossils and minerals.

Of purchases the chief are:—Various objects from the sale of the Hamilton Palace collections; a fine engraved suit of 16th century armour; copies of the Ardagh chalice and the Tara brooch, the most interesting and beautiful specimens known of Irish Celtic art; also the other objects of the "Ardagh find."

On loan we have received a fine collection of Italian and other antique medals from Sir William Fettes Douglas, President of the Royal Scottish Academy; a number of the paintings of Sir Henry Raeburn, lent by the Misses Raeburn; and in the Mechanical Department, "Wylam Dilly," the companion locomotive engine to "Puffing Billy," built by Mr. William Hedley in 1813, which excites great public interest.

During the year two very interesting and important exhibitions have been held in Edinburgh: "The International Fisheries Exhibition," and the "Exhibition of the Edinburgh Architectural Association." To each the Museum has been able to give substantial assistance, and both have been very successful, the former especially so, particularly from a financial point of view. It was admirably managed, and will produce important and lasting results.

The library of the Museum acquired during the year 1,018 volumes, besides pamphlets, by donation and purchase. The donations included Dresser's "Birds of Europe," in eight volumes, presented by Sir W. H. Gibson Carmichael, Bart.; and 25 volumes of the Reports of the British Association, presented by the Council of that body. Among the other donors were, the authorities of the Science and Art Department, India Office, and British Museum; the Governments of France and Ceylon; the Smithsonian Institution; the Director of the Geological Survey of Canada; the Royal Institute of British Architects; and Sir J. R. Gibson Maitland, Bart. The Patent Library has received,

Appendix G.

REPORT BY PROF. ARCHER.

as issued, the publications of Her Majesty's Commissioners of Patents. To the collection of Ordnance Survey maps there have been added, as published, the maps on the 6-inch and 1-inch scales for Scotland, and on the 1-inch scale for England and Ireland.

The number of visitors during the past year has exceeded the total of 1881 by 21,461. The record of the visits of students on pay days in 1882 shows an attendance of 11,032 as against 10,833 in the previous year, being an increase of 199. By reckoning (which we may fairly do) that as many students attended on the open days as on the pay days, we have the gratifying total of 22,064 attendances by students during last year. That total, moreover, is exclusive of the large number of visits made by students other than those of the University and Art schools; for instance, the Extra-Mural Medical Schools and Watt Institution, who can only have free entry on the three days when the general public also obtain free admission.

The following table shows the admissions of visitors to the Museum during 1882:—

Months.	Free.		Pay Days.		Total.	Amount of Admission Fees.		
	Days.	Evenings.	At 6*d.* each.	Free Students.		£	*s.*	*d.*
January -	28,020	15,687	578	1,057	45,342	14	9	0
February -	9,848	12,821	267	1,379	24,315	6	13	6
March -	12,981	14,435	473	1,647	29,536	11	16	6
April -	12,210	15,080	1,548	394	29,232	38	14	0
May -	9,470	6,281	1,205	829	17,785	30	2	6
June -	12,859	5,652	1,573	1,634	21,718	39	6	6
July -	23,944	9,079	2,393	1,283	36,699	59	16	6
August -	17,539	7,914	2,425	349	28,227	60	12	6
September -	15,210	16,232	1,650	713	33,805	41	5	0
October -	12,215	15,360	842	1,037	29,454	21	1	0
November -	11,952	13,315	621	453	26,341	15	10	6
December -	11,452	12,146	162	257	24,017	4	1	0
Total -	177,700	144,002	13,737	11,032	346,471	343	8	6

Average annual attendance for last five years - 413,442.

Average daily attendance in 1882 - - - { pay days 167. free days 1,986.

Routine Work of the Industrial Department during 1882.

Specimens registered - - - -	446
„ labelled - - - - -	2,041
„ prepared and mounted - - -	1,360
Labels, written - - - - -	1,145
„ printed - - - - -	757
„ drafted for printing - - - -	757
„ painted - - - - -	198
Inventory lists prepared - - - -	52
Catalogue lists „ - - - -	53

THOS. C. ARCHER,
Director.

DONATIONS to the INDUSTRIAL SECTION of the EDINBURGH MUSEUM of SCIENCE and ART in 1882.

Bauxite (3 specimens), from Irish Hill Mines, Antrim.
Presented by Mr. Geo. G. Blackwall, Liverpool.

Sample of precious coral.
Presented by Signor Luigi Casalta, Naples.

Boulder of Galena, from boulder clay, East Calder.
Presented by Mr. A. Lumsden, West Calder.

Grey chalk, from Channel tunnel works.
Presented by Mrs. Lane, Harley Street, London.

9 agricultural implements and carts, Indian.
Presented by Mr. James Wallace, P.W.D., India.

Model of a salmon stake net.
Presented by Mr. A. Speedie, Perth.

Model, combined thrashing and dressing machine, one fourth of actual size.
Presented by Messrs. Shearer Bros., Turriff.

Wooden cart axle, 200 years old.
Presented by Mr. William Japp, Broomhall, Glenisla, Alyth.

Sectional piece of cast-iron pipe, and faucet end of wooden pipe used for conveying water.
Presented by Messrs. Leslie, C.E., Edinburgh.

Block of "carbon cement," for covering steam boilers.
Presented by Mr. E. C. C. Stanford, Glasgow.

Statue of Agatha, in stone, found near Madras.
Presented by Major-General R. Cadell, Cockenzie House.

Hispano-Moresco lustred plate.
Presented by Mr. H. Clark, Liverpool.

Statuette in white porcelain, early Minton.
Presented by Mr. Gordon Fraser, Edinburgh.

Fragments of earthenware, with incised ornament from Brading, Isle of Wight. Ancient Roman.
Presented by Mr. J. Gibson, Edinburgh.

Fragments of Samian pottery with bas-reliefs, found at Carlisle.
Presented by Dr. Grierson, Thornhill.

Large calabash, from Barbadoes, W. I.
Presented by Dr. C. Harper Bourne, B.A.

Horse-bonnet of palm leaves, gauze handkerchief of untwisted silk, and fruit of lotus.
Presented by Mrs. John Elder, Chateau St. Michel, Cannes.

Model hut and canoe, cooking vessel of bark (*Celtis sp.*), fishing spear, cocoa nut vessels for water, and other domestic utensils, from Nicobar and South Andaman Islands.
Presented by Lieut.-Col. Cadell, V.C., Cockenzie.

Model Esquimaux canoe, and seal fishing appliances, from Lievely, West Greenland.
Presented by Mr. James Sellar, Edinburgh.

2 dresses, bow and arrows, knife, &c., from the Ainos, Japan.
Presented by Mrs. Bishop, Walker Street, Edinburgh.

"Tomtom," from Banana, Congo, Africa.
Presented by Captain Jones, s.s. "Abbotsford."

Maté gourd, silver mounted, from South America.
Presented by Mr. P. H. Rathbone, of Wavertree, Liverpool.

2 spear heads, from Central Africa.
Presented by Mr. Duncan Campbell, Edinburgh.

Personal ornaments, &c., from Central India.
Presented by Mrs. W. H. Jarvis, Elm Cottage, Kirkliston.

15 specimens, fishermen's clothing, and fishing appliances, Faroe.
Presented by Mr. H. C. Müller, Thorshavn, Faroe.

Appendix G. — Report by Prof. Archer.

Glass floats for fishing nets.
Presented by Dr. A. H. Malm, Gothenburg.

3 knives and 1 fork, with ornamental brass mounts, and a bridal belt of coloured wool.
Presented by Mr. A. Sholto Douglas, Edinburgh.

OBJECTS acquired by purchase for the ART and INDUSTRIAL SECTION of the EDINBURGH MUSEUM during the year 1882.

Metal Work, including Arms and Armour, and Jewellery.

	£	s.	d.
Casket, steel, covered with chiselled figures of fabulous animals. Italian (?), 16th or 17th century	30	0	0
Sword, basket handle. Scottish, 18th century	1	13	0
Sword with *pas d'âne* handle, inlaid with silver scrolls, busts, &c. Spanish, 16th century	11	11	0
Lock, with three bolts, back plate of engraved brass. 18th century	1	2	0
Tirling pin, wrought iron. Old Scottish	0	7	0
Snuff rasp, brass, stamped with figure subject. 17th or 18th century	2	0	0
Snuff box, copper, chased with arabesques. Dutch, 18th century	4	0	0
Snuff box, octagonal, in repoussé, iron. Italian (Brescia) *circa* 1700	7	0	0
Snuff box, octagonal, iron, covered with bold scrolls in repoussé. Italian (Brescia) *circa* 1700	8	0	0
Snuff box, octagonal, iron, with repoussé scroll work, and inset of rock crystal. Italian or Spanish, *circa* 1700	10	0	0
Snuff box, octagonal, iron or steel, with repoussé figures and scrolls. Italian (Brescia), *circa* 1700	10	0	0
Snuff box, oval, iron or steel; scallop shells and scrolls in repoussé, parcel-gilt. Italian (Brescia), *circa* 1700	9	10	0
Snuff box, circular, steel, silver mounted, open scroll work. Italian, 17th or 18th century	9	10	0
Snuff box, circular, steel with chased scroll work on gilt ground. Italian (Brescia), *circa* 1700	6	0	0
Snuff box, silver chased, with interlacing scrolls, and with enamelled designs. Modern French	6	0	0
Snuff box, oval, copper, with repoussé scrolls, parcel-gilt	6	0	0
Snuff box, oval, silver, with chased flowers, &c.	3	0	0
Tobacco box, metal, covered with scale pattern in beads. Dutch	2	0	0
Snuff box, tortoiseshell, with applied scrolls in chased silver, and small enamel. French	9	0	0
Snuff box, boat-shaped, tortoiseshell, covered with gold piqué ornament. French	9	0	0
Sword, open basket handle, blade marked "Johannes Zuchini." Venetian, 17th century	3	10	0
Suit of armour, complete; steel, engraved with leafy scrolls, late 16th century	140	0	0
Sword, "shield" with perforated scroll work, and pommel with chiselled heads and leaves. Second half of 17th century	2	10	0
Ewer, pewter, medallion figures, &c., by F. Briot. French, 16th century (Hamilton sale)	44	2	0
Dish, small, pewter, with warrior's head and arabesques, by Briot. French, 16th century (Hamilton sale)	4	19	6
Anatomical figure of a horse, bronze. Florentine? (Hamilton sale)	24	5	0

	£	s.	d.
Sugar basin, silver gilt, with foliage in repoussé. English, late 17th century. (Hamilton sale)	33	1	6
Incense burner on four feet, brass. Old Chinese. (Hamilton sale)	7	7	0
Measure of capacity, cast bronze, inscribed "Elizabeth Regina, 1601"	10	0	0
Pistol, flint lock. English (London), 1802	0	14	0
2 pocket pistols, percussion, Scottish (Jedburgh)	1	2	0
Watch on stand formed of female figure; applied scroll work on edge and base; silver gilt, with enamelled portrait. Austrian, 19th century	7	10	0
Watch, silver, enamelled dial, French, 18th century	1	0	0
Finger ring, silver gilt, with chased figure of warrior supporting a shield. 18th century	1	2	0
Crucifix, image of silver, cross of wood with silver mounts	1	8	0
Spoon, silver gilt, chased with scrolls, cornucopiae, &c.	0	14	6
Finger ring, gold, with crocidolites cut *en cabochon*	2	5	0
3 tea spoons, handles of silver gilt with enamelled designs, bowls of rock crystal. Modern Hungarian	15	0	0
Reproduction of a chalice of silver and gilt bronze, with chased interlacing patterns and enamelled designs, found at Ardagh, co. Limerick, in 1868	80	0	0
Reproductions of four Celtic brooches of silver, parcel-gilt, and of a cup in plain bronze, found with the preceding chalice	20	0	0
Reproduction of the "Tara" brooch, gilt bronze, covered with chased interlacing ornament in panels, bordered by amber, enamelled bosses, &c. Ancient Irish	50	0	0
Needle gun. Russian, 1859	0	8	6
Figure of Osiris (mummiform) wearing an atef and holding his symbols, bronze. Ancient Egyptian	0	5	0
Figure of Ptah (mummiform) holding the emblem of serenity, bronze. Ancient Egyptian	0	5	0
Figure of Sekhet or Pasht, wearing disc of the sun and uræus, bronze. Ancient Egyptian	0	5	0
Figure of Neit, wearing a necklace and a crown of Upper Egypt, bronze. Ancient Egyptian	0	5	0
Kneeling figure of a god offering a vase, bronze. Ancient Egyptian	0	5	0
Figure of Imhotep, seated, and reading a papyrus, bronze. Ancient Egyptian	0	5	0
Figure of a god or royal personage, bronze. Ancient Egyptian	0	5	0
Figure of Horus, seated, and wearing a double crown, bronze. Ancient Egyptian	0	5	0
Figure of a priest, kneeling, and offering a libatory vase, bronze. Ancient Egyptian	0	5	0
Figure of a bull, sacred to Ptah, bronze. Ancient Egyptian	0	5	0
2 figures of Apis, wearing the emblems of the sun, bronze. Ancient Egyptian	0	10	0
Figure of a cat, living emblem of Bast, bronze. Ancient Egyptian	0	5	0
2 Situlæ, with relief figures of the Amenti or judges of the dead, bronze. Ancient Egyptian	0	10	0
Statuette of Mercury, bronze. Ancient Roman	0	5	0
Axe-head, bronze, probably ancient Egyptian or Assyrian	0	5	0
Statuette of a draped female figure (Demeter?), bronze. Ancient Roman	0	5	0
Group, Horus between Isis and Nepthys, modern bronze casting, from an original in glazed earthenware	0	2	6
Figure of Aphrodite, a modern casting from an original Roman bronze	0	2	6

Appendix G.

REPORT BY PROF. ARCHER.

	£	s.	d.
Sword, "tulwar," watered steel; hilt inlaid with gold and white metal; sheath with chased silver mounts. Indian -	9	19	6

Enamels on Metal.

Plaque, Limoges enamel, figure of a monk, *circa* 1560 - -	3	10	0
Plaque, Limoges enamel, portrait of a lady. 16th century. (Bernal collection) - - - - - - -	3	10	0
Plaque, Limoges enamel, "The Crucifixion." 16th century -	8	0	0
Snuff rasp, Limoges enamel, "The Annunciation." 17th century	8	0	0
Snuff rasp, Limoges enamel, group of five figures and Roman head in medallion. 17th century - - - -	10	0	0
Box, painted enamel, figure subjects. French, 18th century -	5	0	0
Vase, painted enamel, yellow ground with coloured symbolical ornaments and scrolls. Chinese, from the summer palace at Pekin - - - - - - - - -	15	0	0

Objects in Precious and Ornamental Stones.

Lion's head, in high relief, in veined stalagmitic marble. Ancient Roman (Hamilton sale) - - - - -	121	5	6
Tazza of stalagmitic marble (Hamilton sale) - - -	9	7	6
Teapot, mottled grey jade, with relief figures and inscription. Chinese (Hamilton sale) - - - - -	9	18	6
Cup of red agate, on stem of lapis lazuli, sculptured with the "Seasons," on ormolu pedestal (Hamilton sale) - -	13	4	6
Bowl or cup in white jade. Indian (Hamilton sale) - -	6	1	6
Saucer in jade, border fluted, relief in centre. Indian (Hamilton sale) - - - - - - - - -	6	1	6
Bowl, chalcedony, handle with leaves in relief. Chinese (Hamilton sale) - - - - - - -	7	18	6
Bird in chalcedony. Chinese (Hamilton sale) - - -	4	4	0
Cup, fluted, bloodstone. Chinese (?) (Hamilton sale) - -	11	0	6
Tobacco box of quartzite, mounted in silver. Swedish - -	12	0	0
Snuff bottle in agate. Chinese - - - - -	6	0	0
Snuff box in fire marble (lumachella), mounted in silver gilt -	10	0	0
2 vases conjoined, grayish jade with symbolical ornaments in bas-relief. Old Chinese - - - - -	5	0	0
Plaque for a sceptre, gray jade with landscape in bas-relief. Old Chinese - - - - - -	1	0	0
Box, mottled green jade, with foliage in relief. Chinese - -	1	10	0

Carvings in Ivory, Wood, Shell, &c.

Plaque, ivory; "Judith with head of Holofernes." Modern -	8	10	0
Statuette of a saint, ivory, on repoussé gilt-metal pedestal. French or Italian, late 17th century - - - -	4	5	0
Statuette of the Virgin, ivory, on repoussé gilt-metal pedestal. French or Italian, late 17th century - - - -	4	5	0
Statuette, Venus and Cupid, ivory. Italian - - -	5	0	0
Knife and fork, ivory, with carved handles. Italian, 17th century - - - - - - - - -	5	0	0
Portion of triptych, ivory; subject, "The Crucifixion." French, 14th century - - - - - - -	5	10	0
Diptych, ivory; "The Crucifixion, and Adoration of the Magi." French, 14th century - - - - - -	10	0	0
Hunting horn, ivory, with relief scrolls, and animal combat. German, dated 1686 - - - - - -	10	0	0
Handle (?), wood, carved with grotesques, masks, &c. - -	4	0	0

	£	s.	d.
Box, wood, carved with arabesques. French, 17th century	6	0	0
Snuff bottle, amber, carved subject, "Birth of Aphrodite." Italian?	8	0	0
Snuff rasp, ivory, carved with figure subjects. French, 17th or 18th century	9	0	0
Snuff rasp, boxwood, carved with figure subject and armorial bearings. French, 17th century	12	0	0
Snuff rasp, boat-shaped, boxwood, carved with allegorical figure. French, 17th century	8	0	0
Snuff rasp, wood, carved with allegorical figure and acanthus foliage. French, 18th century	4	0	0
Snuff rasp, three-sided, wood, carved with masks and foliage, and conjoined heads forming knop. French, 18th century	7	0	0
Snuff rasp, wood, carved with emblems and Louis Quatorze ornament. French, 18th century	3	0	0
Snuff rasp, wood, carved with figure of St. Crispin. 17th or 18th century	3	0	0
Snuff bottle, boxwood, carved with busts and heads in medallions. Italian, 17th or 18th century	12	0	0
Snuff bottle, boxwood, carved with crowned heads in medallions. Italian, 17th or 18th century	12	0	0
Tray, oval, boxwood, carved with fruit, amorini, &c. 18th century	10	0	0
Snuff rasp, wood, carved, and inlaid with brass wire	1	0	0
Cameo shell, carved landscape and figures, &c. Modern Italian	18	0	0
Knife-sheath, boxwood, minutely carved with figures of apostles and scriptural events	1	12	0
Tooth of sperm whale, carved with octopus, monkey, &c. Modern Japanese	3	0	0
Back comb, horn, with perforated designs of Indian character	0	14	0

Furniture, Lacquer-work, &c.

Chair, ebony, back with small balusters and cross rails, enriched with leafy scrolls. English, Tudor period (Hamilton collection)	71	13	0
81 perforated panels for screens. Japanese	10	2	6
Etui, wood, painted with figures of warriors, trophies, &c. Vernis Martin work, 18th century	4	10	0
Saucer, tortoiseshell, with landscape in lacquer. Japanese (Hamilton collection)	9	7	6
2 cups and saucers of lacquered wood	0	7	0
4 marquetry panels, figure subjects. Dutch	20	0	0

Pottery and Porcelain.

Plate, red earthenware, coated with white clay, incised figures. German, early 18th century	5	0	0
Tankard, earthenware, with painted figures. Delft, 18th century	0	14	0
Plate, maiolica, with figure subject. 16th century	1	0	0
Tazza, maiolica, painted subject, "The Fall." Italian (Urbino), *circa* 1600	1	12	0
Snuff box, porcelain, dark blue ground with gilt scrolls	4	0	0
Dish, porcelain, hawthorn pattern. Old Chinese (Nankin)	19	0	0
Rhyton, form of a fox's head, basaltes, silver-mounted. Old Wedgwood ware	6	0	0
Plaque, bas-relief, "Death of Niobe's Children." Old Wedgwood jasper ware (trial piece)	4	0	0
Plaque, bas-relief, "Feast of the Gods." Old Wedgwood jasper ware (trial piece)	4	0	0

Appendix G.

REPORT BY PROF. ARCHER.

	£	s.	d.
Vase, oviform, old Wedgwood jasper ware, white bas-reliefs on blue ground	6	10	0
Teapot and cover, old Wedgwood jasper ware, white bas-reliefs on blue ground	7	10	0
Portrait medallion, bust of Prince of Condé. Wedgwood and Bentley's basaltes, 1777–80	3	0	0
Pedestal, cylindrical, Adams' jasper ware, white bas-reliefs of classical figures on blue ground	8	0	0
Jug or ewer and cover, Milan faïence, with painted figures, &c. Italian, 18th century	8	0	0
Bust of George II., Plymouth white porcelain, 1768–74	18	0	0
Plate, old Rouen faïence, painted flowers	4	0	0
Plate, old Rouen faïence, painted peacocks, &c.	2	7	0
Dish, old Rouen faïence, painted radiating ornament	13	2	0
Jug, Moustier's faïence, painted flowers and figure medallion, 1745–89	8	0	0
Dish, Moustier's faïence, painted medallion, "Perseus and Andromeda," 1745–89	8	0	0
Plate, Rouen faïence, painted scrolls, figures, &c. *circa* 1730	10	0	0
Plate, Rouen faïence, style "rayonnant," painted scrolls and flowers, 1730	10	0	0
Plate, Rouen faïence, style "rayonnant," painted scrolls and basket of flowers, 1730	11	4	0
Ecuelle, cover, and stand, Dresden porcelain, medallion views of seaports, &c., on white ground. Second half of 18th century	14	10	0
Snuff box, Dresden porcelain, medallions of cupids and flowers. 18th century	12	0	0
2 vases, Kioto earthenware, with coloured relief ornament. Modern Japanese	5	5	0
2 baskets with stands, Mayer earthenware, perforated patterns. English	1	16	0
Mug, Wilson earthenware, dark bronze lustre with white bas-reliefs of Cupids. English (Hanley), *circa* 1780	2	15	0
Dish, Marseilles pottery, painted rustic scene	1	8	0
2 statuettes, Strasburg earthenware. Second half of 18th century	1	0	0
2 dishes, old Delft, painted scrolls (Hamilton sale)	1	8	0
2 stands, old French faïence, painted flowers and fruit (Hamilton sale)	3	0	0
Tray, old French faïence, painted festoons and basket of flowers (Hamilton sale)	8	16	6
Bottle, Celadon porcelain, with ormolu mounts. Old Chinese (Hamilton sale)	22	1	0
Cup, fluted with relief leaves and insects, "ivory," porcelain. Old Chinese (Hamilton sale)	6	1	6
2 plates, early printed Liverpool ware	2	0	0
2 vases, Satsuma ware, figure decoration in gold and colours. Japanese	15	0	0
Basin, stoneware, painted in colours and gold. Japanese	18	0	0
Bottle, painted stoneware; "Mushroom Gatherers." Old Japanese	12	0	0
Vase, crackle porcelain, covered with copper having relief decoration, and parcel-gilt. Japanese	4	0	0
2 plates, white porcelain, with photographs of Thorwaldsen's "Night" and "Morning"	1	0	0
Plate, ironstone, painted with flowers, &c. English, early 19th century	0	7	0
Vase, old Wedgwood black basaltes; Cybele in her car, trophies, &c. in bas-relief; handles with satyr head terminals	3	3	0
Vase, old Wedgwood black basaltes; Cupid's cars drawn by rams and deer, &c., in bas-relief; handles with satyr head terminals	3	3	0

	£	s.	d.
Jug, painted porcelain. Old Chinese	2	10	0
Scarabœus, with cartouche of Amenophis III. and inscription, glazed earthenware. Ancient Egyptian	0	5	0
Stand for spirit flasks, Deruta maiolica, painted with figure subjects. Italian, 18th century	3	10	0
Bust of Mercury, Wedgwood black basaltes	5	0	0
Vase "Crater," Wedgwood black basaltes, with bas-relief figures of a Bacchanalian scene	7	10	0
Vase, "Crater," companion to the preceding	7	10	0
Bowl, porcelain, decorated with views of house interiors, &c. Old Chinese	17	17	0
Bowl, Crown-Derby porcelain, with painted flowers and gilt scrolls. English, early 19th century	13	10	0
Vase or Urn, earthenware with stanniferous glaze, probably old Italian	1	0	0
Plate, Kaga porcelain, decorated with figure subject. Japanese	1	10	0
Vase, porcelain, with blue ground and gilt scrolls, and four medallion figure subjects. Old Chinese	2	0	0
Sugar basin, cream ewer, and two plates, reproductions of Chelsea porcelain	3	5	0
Snuff bottle, porcelain, olive green colour. Chinese	1	0	0

Glass.

Goblet, glass, with portrait of Martin Luther painted in colours; also swan in medallion. German, 17th century (Hamilton collection)	7	14	6
Goblet, glass, with portrait of Catarina de Bora in colours; also, swan and inscriptions. German, 17th century (Hamilton sale)	7	14	6
4 glass vessels and a bead. Ancient Roman	0	5	0
18 snuff bottles of variegated glass. Chinese	45	0	0
12 objects of glass of two layers, cut with cameo ornament. Modern English	50	7	0
7 objects of colourless glass, engraved, cut, and polished. Modern English	21	4	0
3 pieces of stained glass. German, 17th century	2	5	0
Plate of slag glass	0	1	0

Textile Fabrics, Lace, &c.

14 pieces of figured velvet, damasks, &c. Italian, Flemish, and Spanish. 13th to 18th century	15	0	0
Ruff, Valenciennes lace and silk embroidery. German	5	0	0

Economic Minerals, &c.

Native crystallised silver. Kongsberg, Norway	5	0	0
Native platinum, Nijni-Tagilsk, Urals	3	5	0
17 minerals and 5 rock specimens	6	18	0
Azurite, crystallised blue carbonate of copper. Lyons	2	0	0

Models.

Model, Newhaven fishing boat, scale, $\frac{1}{2}$-inch to a foot	2	0	0
Model of deep sea fishing boat with mast and sails, scale, $\frac{3}{4}$-inch to a foot	6	0	0
Model of Dutch man-of-war, dated 1719	4	10	0

Appendix G.

REPORT BY PROF. ARCHER.

Ethnographical Objects.

	£	s.	d.
12 spears, 2 idols carved in chalk, 2 wood emblems, 4 clubs, 2 stone implements, &c. From New Britain Archipelago -	16	10	0
Opium smoker's box. Chinese - - - - - -	2	0	0
2 Fijian wooden bowls - - - - - -	2	2	0
A West African clay pipe head, and 2 photos. of ethnographical objects (Vega Expedition) - - - - -	0	8	0

Miscellaneous.

Jordan's glycerine barometer - - - - -	18	10	0
Self-registering mercurial barometer, with time-piece - -	18	0	0
Aneroid barometer - - - - - -	4	0	0
2 instantaneous photographs - - - - -	0	3	0
11 Chinese paintings on paper, prepared from pith of *Aralia papyrifera* - - - - - - - -	0	14	0
Cotton umbrella, with whalebone ribs - - - -	0	6	0
Hymn book, bound in vellum, with stamped gilt scrolls and chased silver clasps. German, 18th century - - - -	5	0	0

LIST of LOANS received by the INDUSTRIAL ART DEPARTMENT in 1882.

The Science and Art Department :—
13 old Italian carved coffers and chairs.
Sir William Fettes Douglas, P.R.S.A. :—
226 old Italian and German medals and plaques.
Major-General R. Cadell : —
Gold medal commemorating the opening of the river Murray to steam navigation, 1853.
J. R. Findlay, Esq., Edinburgh : —
32 pieces Chinese porcelain.
7 pieces old German engraved glass.
Misses Raeburn, Murieston House, West Calder : —
25 portraits by Sir Henry Raeburn.
Messrs. Hedley Brothers, Newcastle-on-Tyne :—
The "Wylam Dilly" locomotive, constructed by W. Hedley, 1813.
Sir Thomas N. Dick Lauder, Bart. :—
20 pieces of ecclesiastical plate, &c., chiefly old Italian.

LOANS to INDUSTRIAL ART DEPARTMENT withdrawn in 1882.

Time globe. Lent by Messrs. W. and A. K. Johnston, Edinburgh.
36 Chinese porcelain objects. Lent by J. R. Findlay, Esq.
9 old Scottish articles of furniture. Lent by Sir W. Stirling-Maxwell, Bart.
60 pieces Chinese porcelain, bronzes, &c. Lent by F. Temple, Esq.

MODELS made in the MUSEUM WORKSHOP during 1882.

Model of a hydraulic capstan for railway and shipping purposes. Scale 3 inches to 1 foot.
Two unfinished models of salmon ladders completed.

REPORT of the KEEPER of the NATURAL HISTORY COLLECTIONS for the year 1882.

In the Natural History Department satisfactory progress has, during the past year, been made both in the acquisition of new and interesting specimens, and in the work of revising and re-arranging the material of the collections as they at present stand.

New desk cases have been erected to contain the exhibited collection of molluscan shells, and the arduous task of revising those of the class Gasteropoda is progressing towards completion. In the Palæontological Department the Gasteropoda are also under revision, the Lamellibranchiata having been finished. The temporary services of Mr. R. Kidston, an expert in fossil botany, having been obtained, the extensive collection of fossil plants belonging to the Museum is being completely revised, re-labelled, and re-arranged.

Of additions made by purchase, the most important is that of an interesting series of fossil crinoidea, which formed part of the private collection of the late Sir C. Wyville Thomson. The educational or type collection has also been enriched by the purchase of a beautiful series of spirit preparations by W. Fritsch, of Prague.

The donations during the year now expired have been of considerable importance. The Museum is especially indebted to the Trustees of the British Museum for the gift of a large number of duplicates from the zoological collections under their charge, these specimens consisting principally of Batrachia, fishes and crustacea. Mr. Day, of Cheltenham, has presented a large series of British fishes in spirit, and Dr. Malm, of Gothenburg, has also contributed an interesting set of preparations illustrating the development of the common Brill, as well as four magnificent specimens of the large Pennatulid zoophyte, *Funiculina quadrangularis*. The other donations as well as purchases will be found in the following lists, to which is also appended a statement of the routine work performed in the Natural History Department for the year 1882.

20th January 1883. *RAMSAY H. TRAQUAIR, M.D.,*
Keeper.

NATURAL HISTORY DEPARTMENT.

DONATIONS during the Year 1882.

9 insects and cocoons.
Presented by Mrs. W. H. Jarvis, Kirkliston.

A stuffed head of *Ovis Polii*, Gray, from Yarkand.
Presented by Sir C. U. Aitchison, K.C.S.I., LL.D., Edinburgh.

7 eggs of foreign birds.
Presented by Mrs. Crosbie, Edinburgh.

2 eggs of *Phaëton rubicundus*, Bodd., and *Rissa tridactyla*, L., and 68 insects and mammals from Madagascar.
Presented by Rev. W. Deans Cowan, Eskbank.

A specimen of *Passerina dominicana*, L.
Presented by Mrs. Smith, Edinburgh.

2 eggs of the crocodile from Singapore.
Presented by Maurice Drummond, Esq., Edinburgh.

7 invertebrate fossils.
Presented by Dr. R. H. Traquair, Edinburgh.

2 skulls of the dolphin, *Delphinus*, sp.
Presented by Capt. Hutchings, R.N., Edinburgh.

Appendix G.

REPORT BY PROF. ARCHER.

142 fossil invertebrata and plants.
Presented by Mr. T. Stock, Edinburgh.

287 fossils and minerals.
Presented by the Edinburgh Geological Society.

13 minerals from the Foxdale mines, Isle of Man.
Presented by W. Kitto, Esq., Isle of Man.

A specimen of strontianite from Westphalia.
Presented by Herr Carl Bozy, Westphalia.

6 specimens of *Corallium rubrum*, L., and *Oculina* from the Mediterranean.
Presented by Signor Luigi Casalta, Naples.

A pair of wood warblers, *Sylvia sylvicola*, Lath., from Gorebridge.
Presented by Mr. A Craig, Edinburgh.

Specimens of the Kea Parrot, *Nestor notabilis*, Gould, from New Zealand, and of the Wryneck, *Yunx torquilla*, L.
Presented by Mr. Robert Gray, Edinburgh.

A head of the Australian pelican, *Pelecanus conspicillatus*, Tem., from New South Wales.
Presented by Miss J. Steele, Edinburgh.

11 minerals from Leadhills.
Presented by Mr. James Brittain, Edinburgh.

5 minerals from Wanlockhead.
Presented by Patrick Dudgeon, Esq., Cargen.

3 specimens of *Lingula mytiloides*, Sow., from the carboniferous limestone of Gilmerton.
Presented by Mr. W. T. Kinnear, Edinburgh.

A specimen of the tusk, *Brosmius brosme*, Müll., from the Firth of Forth.
Presented by Councillor Maclachlan, Edinburgh.

172 British fishes.
Presented by Francis Day, Esq., F.L.S., F.Z.S., &c., Cheltenham.

5 specimens of *Petromyzon Planeri*, Bloch., from the Lossie, near Birnie, Elginshire, and one of *Phronima sedentaria*, Forsk., from Shetland.
Presented by Rev. Dr. Gordon, Birnie, Elginshire.

A malformed turbot, *Rhombus maximus*, L.
Presented by Mr. James Watson, Edinburgh.

A specimen of the common lobster, *Homarus vulgaris*, L., from Colonsay.
Presented by Mr. J. McNeill, Colonsay.

An abnormally formed egg of the common fowl.
Presented by Mr. J. Donaldson, Edinburgh.

A specimen of the chub, *Leuciscus cephalus*, L., from the river Esk.
Presented by Mr. W. Park, Langholm.

32 shells from the Nicobar islands.
Presented by Col. Cadell, V.C., Cockenzie.

A nest of the pied wagtail, *Motacilla Yarrellii*, Gould, from East Linton.
Presented by Mr. James Lyle, Edinburgh.

A large specimen of the horse mussel, *Modiola modiolus*, L., from Unst, Shetland.
Presented by Mr. G. H. Hogg, Edinburgh.

3 specimens of roscoelite and arquerite from California and British Columbia.
Presented by Mr. H. G. Hanks, State mineralogist, San Francisco.

8 Scandinavian minerals.
Presented by Herr Lindström, Riks Museum, Stockholm.

A series of 12 specimens showing the development of the brill, *Rhombus vulgaris*, Yarr., from Bohuslän, Sweden; also four fine specimens of *Funiculina quadrangularis*, Pallas., from the same locality.
Presented by Dr. A. H. Malm, Gothenburg.

3 specimens of the vendace, *Coregonus vandesius.*, Rich., from Lochmaben, Dumfriesshire.
Presented by J. Jones, Esq., Dumfries.

425 sponges, fishes, amphibians, &c.
Presented by the Trustees of the British Museum.

A specimen of *Galathea strigosa*, Fabr., from Eyemouth.
Presented by Messrs. R. and J. Dickson, Eyemouth.

3 specimens of *Carpio Kollarii*, Hick., from the lake of Riddagshausen near Brunswick.
Presented by Dr. F. Blasius, Brunswick.
A bottle of samples of herrings from Iceland.
Presented by R. M. Smith, Esq., Edinburgh.
6 bones of the great auk, *Chenalopex impennis*, L., from Oronsay.
Presented by Mr. Symington Grieve, Edinburgh.
4 minerals from Arizona, Hungary, &c.
Presented by Mr. J. R. Williamson, Edinburgh.
A fossil sea-urchin from Almeria, Spain.
Presented by Mr. Archibald Gray, Edinburgh.
A specimen of crystallised gypsum from Beacon Hill quarries, Newark-on-Trent.
Presented by Mr. P. Cafferata, Newark-on Trent.
14 sea-urchins, &c. from South Australia.
Presented by Clement Wragge, Esq., Stafford.
Specimens of *Spongilla fluviatilis*, L., from the Edinburgh and Glasgow Canal.
Presented by Mr. James Simpson, Anatomical Museum, University of Edinburgh.
A specimen of the tail-less trout, *Salmo fario*, L., from Islay.
Presented by C. W. Peach, Esq., A.L.S., Edinburgh.
2 specimens of the tail-less trout, *Salmo fario*, L., from Kirkcudbrightshire.
Presented by J. Harvie Brown, Esq., Dunipace, Larbert.
2 specimens of *Idothea entomon*, L., from the Arctic Sea of Siberia.
Presented by Oscar Dickson, Esq., Gothenburg.

Natural History Department.

Purchases during the year 1882.

	£	s.	d.
56 preparations of recent invertebrata and electrotype reproductions of Permian labyrinthodonts	25	7	3
2 nightjars from Elmdon, Essex	0	10	0
3 specimens of the ruff, *Philomachus pugnax*, L. from Caithness	0	10	6
2 carp, *Cyprinus carpio*, L.	0	15	0
3 specimens of sphene and apatite from Canada	4	17	6
A meteorite from Mocs, Transylvania	3	15	0
3 minerals from South America	3	1	0
43 Scandinavian birds' eggs	3	10	0
16 British birds and fishes	10	16	6
7 natural history preparations from Vienna	4	4	4
5 specimens of meteoric iron	12	17	0
8 foreign minerals	4	7	0
A pair of lion cubs, stuffed	3	10	0
294 fossils from Solenhofen, Bayeux, Tournay, Gerolstein, &c.	24	3	0
48 recent mollusca and corals	8	19	0
321 Indian bird skins and Lepidoptera	8	9	0
56 skeletons, skulls, stuffed specimens, crustacea, &c.	17	15	6
5 skins of *Apteryx* and *Strigops* from New Zealand	3	10	0
22 minerals, principally from Siberia	27	7	0
15 minerals, principally from Germany	32	15	6
A stuffed specimen of *Ocydromus*, from New Zealand	0	15	0
A specimen of Burchell's zebra, *Asinus Burchellii*, Gray	5	0	0
6 stuffed British birds	2	0	0
7 minerals from various British and foreign localities	11	2	0
211 fossil invertebrates and plants from the Edinburgh district	2	0	0
23 birds and eggs from Archangel	0	10	6
40 Devonian and Liassic fishes	28	13	0

Appendix G.

REPORT OF PROF. ARCHER.

	£	s.	d.
A case of amphibian skeletons and 753 bird skins, shells, and fossils	73	16	0
A specimen of *Cygnus Americanus*, Sharpl. from North America	1	5	0
A skull of the gorilla from West Africa	5	0	0
2 ptarmigan, *Lagopus mutus*, Leach., and a jack snipe, *Gallinago gallinula*, L.	1	0	0
19 foreign minerals	24	18	6
A large specimen of *Cestracion Philippi*, Cuv., in spirit	2	10	0
2 skins, nest and eggs of *Pitangus sulphuratus*, L.	2	0	0
A plaster cast of *Plesiosaurus*	5	5	0

ROUTINE WORK of NATURAL HISTORY DEPARTMENT during the year 1882.

Specimens registered	3,135
Do. labelled	2,434
Ordinary labels written	1,942
Do. do. printed	231
Do. do. drafted for printing	227
Catalogue lists prepared	87
Specimens prepared and mounted	3,100

THOS. C. ARCHER,
Director.

20th January 1883.

APPENDIX H.

REPORT of the DEAN and COUNCIL of the ROYAL COLLEGE OF SCIENCE FOR IRELAND for the year 1882.

SIR,

I HAVE the honour to submit to my Lords the following report of the educational work of the Royal College of Science during the year 1882.

The programme of studies contained in the directory was carried out, and the usual sessional examinations were held at the close of the session, except in the subjects of Theoretical Chemistry and Elementary Biology. The sessional examinations in Theoretical Chemistry were held in February, and that in Elementary Biology (Zoology only) in April last.

The changes in the curriculum referred to in the last report continue to work satisfactorily.

The new Elementary Biology course compulsory on all students in the first term of the second year is now in operation, superseding the courses of Botany and Zoology formerly delivered in the second terms of the first and second years. While relieving students of studies somewhat foreign to their immediate requirements, this new course has enabled them to gain a sounder knowledge of the principles of Biology, since the organisms studied have been fewer in number and much more fully and practically dealt with.

During the year some progress was made towards the equipment of the Biological Laboratory, but as yet the necessary structural alterations have not been carried out, and in consequence the arrangements for teaching are thus not so complete as the Professors would wish.

Some fine models of switches and crossings, showing the entire mechanism of the inter-locking system, also an improved plane table, have been added to the engineering portion of the Museum.

As heretofore every facility has been given to Associates of the College in the prosecution of original research in the chemical laboratory. Mr. W. E. Adeney, an Associate of the College, has been engaged during the past year with Professor Hartley, in accurate determinations of the wave lengths of the lines of high refrangibility in the spectra of elementary substances, and the work as regards 23 elements is almost ready for publication.

The processes of chemical analysis carried out by means of spectrum photography, which Professor Hartley has elaborated, have been found to be so ready of application, and so important in the results yielded, that they have now for the first time been made a regular branch of the studies pursued in the chemical laboratory of the College. In fact it has been found advantageous to perform by the aid of photography all analyses of mineral substances which require special care or which present unusual difficulties.

Mr. Gerard A. Kinahan, also an Associate of this College, has presented the second part of his "Report on the clearing of Peaty Waters" to the Royal Irish Academy, the chemical work having been conducted in the College laboratory.

The following gentlemen have distinguished themselves during the past year:—

Mr. H. O. Minty, Associate, has gained a Natural Science Exhibition at Exeter College, Oxford.

Mr. T. B. Coleman, Associate, has been appointed Demonstrator in the University College, Nottingham.

Appendix H.

REPORT BY PROF. HADDON.

Mr. E. T. Hardman, Associate, and officer of the Geological Survey of Ireland, has been selected by the Director-General of the Geological Survey, United Kingdom, to carry out a geological reconnaissance of North Western Australia on the part of the Colonial Office.

Mr. Fred Joyce, a former student of the College, has been appointed to an important post on the Public Works of South Africa.

Mr. T. R. Leonard, and Mr. T. E. Lonés, Royal Exhibitioner, have gained Honours in Experimental Physics in the first examination in Arts of the Royal University of Ireland, and Mr. T. R. Leonard has also gained Honours in Botany and Zoology, and the Exhibition in the first medical examination in the same University.

Mr. Robert H. Reilly, Associate, has taken his B.Sc. Lond., and stands first in Honours in Experimental Physics.

10th January 1883.

Signed on behalf of the Council,
ALFRED C. HADDON,
Dean of Faculty.

The Secretary,
Science and Art Department,
London.

REPORT BY SECRETARY PRO TEMP. OF ROYAL COLLEGE OF SCIENCE FOR IRELAND.

REPORT of the SECRETARY, pro temp., of the ROYAL COLLEGE of SCIENCE for IRELAND, for the year 1882.

SESSION 1881–82.

During the Session ending in June 1882 the following courses of lectures were given:—

1st Year's Class.

		Students.
71	Lectures in Pure Mathematics, by Prof. Hennessy, attended by	15
63	„ Elementary Mechanics „ „ -	14
77	„ Descriptive Geometry, by Prof. Pigot „ -	14
129	Lessons in Geometrical Drawing, by Prof. Pigot „ -	14
61	Lectures in Theoretical Chemistry, by Prof. Hartley „ -	35
67	„ Experimental Physics, by Prof. Barrett „ -	26
*57	„ Botany (with Demonstrations), by Prof. McNab, attended by - - - - - -	1

* In this case, owing to the change in the curriculum, there was no regular class, and only one occasional student.

2nd Year's Class.

76	Lectures in Pure Mathematics, by Prof. Hennessy, attended by	5
61	„ General Mechanics „ -	6
151	Lessons in Mechanical Drawing, by Prof. Pigot „ -	7
43	„ Practical Physics, by Prof. Barrett „ -	18
125	„ Practical Chemistry, by Prof. Hartley „ -	13
31	Lectures in Zoology (with Demonstrations), by Prof. Haddon, attended by - - - - - -	5
44	Lectures in Mineralogy, by Prof. O'Reilly, attended by -	6

3rd Year's Class.

56	Lectures in Mechanism and Thermodynamics, by Prof. Hennessy, attended by - - -	6
85	„ Engineering and Building Construction, by Prof. Pigot, attended by - - -	3
88	Lessons to Drawing Class, by Prof. Pigot, attended by -	2
39	Lectures in Surveying „ „ -	7
51	„ Geology, by Prof Hull „ -	3
24	Demonstrations in Palæontology, by Mr. Baily „ -	3

		Students.
44 Lectures in	Mineralogy, by Prof. O'Reilly, attended by	1
38 „	Mining „ „	2
30 „	Metallurgy, by Prof. Hartley, „	6
29 „	Applied Chemistry, by Prof. Hartley „	5
125 Lessons in	Assaying „ „	3
179 „	Analytical Chemistry „ „	6

The total number of individuals who attended these lectures was 85, of whom 24 were Associate students prosecuting the full three years' course, with a view of obtaining the diploma of Associate; the corresponding numbers last year were 36 and 16 respectively.

The following table gives the results of the Sessional Examinations in June 1882:—

Subject of Examination.	No. of Candidates.	Passed.	Passed with Credit.	Students to whom Prizes were awarded.
	1st Year's Class.			
Pure Mathematics	6	2	2	Mitchell, Robert H. (1st prize).
Elementary Mechanics	11	1	7	MacKenzie, Thos. K. (1st prize). Whitwell, Arthur (2nd prize.)
Descriptive Geometry	13	3	6	Whitwell, Arthur (2nd prize). MacKenzie, Thos. K. (2nd prize).
Geometrical Drawing	13	—	—	MacKenzie, Thos. K. (prize).
Theoretical Chemistry	22	6	12	Templeton, Samuel (1st prize). MacKenzie, Thos. K. (2nd prize).
Experimental Physics	14	2	7	MacKenzie, Thos. K. (1st prize). Whitwell, Arthur (prize).
Botany	1	—	1	Leonard, Thos. R. (prize).
	2nd Year's Class.			
Pure Mathematics	5	—	3	Lousley, Ernest (2nd prize).
General Mechanics	5	1	2	„ (1st prize).
Practical Physics	5	—	4	Lones, T. East (1st prize).
Mechanical Drawing	6	1	5	Lousley, Ernest (1st prize).
Practical Chemistry	6	—	6	„ (1st prize).
Zoology	5	—	5	Stevens, W. J. (2nd prize).
Mineralogy	5	1	3	Lones T. East (1st prize).
	3rd Year's Class.			
Mechanism and Thermodynamics.	5	1	4	Coleman, Joseph B. (2nd prize).
Engineering	3	1	2	Waterfield, Patrick (2nd prize).
Engineering Drawing	2	—	—	Waterfield, Patrick (prize).
Surveying	5	2	3	MacKenzie, John W. (2nd prize).
Geology and Palæontology	2	1	1	MacKenzie, John W. (2nd prize).
Mineralogy	1	—	1	
Mining	2	—	2	MacKenzie, John W. (2nd prize).
Metallurgy	2	—	2	MacKenzie, John W. (1st prize).
Applied Chemistry	5	—	5	Coleman, Joseph B. (1st prize).
Assaying	2	—	2	MacKenzie, John W. (1st prize).
Analytical Chemistry	5	—	5	Waterfield, Patrick (1st prize.)

The Royal Scholarships were awarded to Thomas Kenneth MacKenzie and Samuel Templeton.

Appendix H.

REPORT BY SECRETARY PRO TEMP. OF ROYAL COLLEGE OF SCIENCE FOR IRELAND.

The silver medal, for best answering on the courses common to the first and second years, was awarded to Ernest Lousley.

The diploma of Associate was awarded to :—

John W. MacKenzie, in the Faculty of Mining.

Joseph Bernard Coleman
Henry O. Minty
Henry G. Jordan
Ernest J. Page
} in the Faculty of Manufactures.

In the month of May 1882 the annual Science Examinations of the Department were held in the College. There were 434 entries in 22 subjects, the number of individuals being 172, of whom 151 presented themselves for examination.

The number of papers worked in each subject was as follows:—

Subject.	
I. Practical Plane and Solid Geometry	6
II. Machine Construction and Drawing	16
V. Mathematics (stages 1, 2, and 3)	116
V. „ (stages 4 and 5)	2
V. „ (stages 6 and 7)	2
VI. Theoretical Mechanics	33
VII. Applied Mechanics	6
VIII. Sound, Light, and Heat	15
IX. Electricity and Magnetism	28
X. Inorganic Chemistry, Theoretical	15
X. „ „ Practical	1
XI. Organic Chemistry, Theoretical	2
XIII. Mineralogy	2
XIV. Animal Physiology	2
XV. Botany	1
XVIII. Mining	1
XIX. Metallurgy	2
XX. Navigation	1
XXII. Steam	8
XXIII. Physiography	10
XXIV. Principles of Agriculture	4

SESSION 1882–83.

The number of students registered up to the 31st December 1882 for the present Session is as follows :—

1st Year's Class.

Pure Mathematics	14
Elementary Mechanics	12
Descriptive Geometry	12
Geometrical Drawing	12
Theoretical Chemistry	19
Theoretical Physics	12

2nd Year's Class.

Pure Mathematics	5
General Mechanics	5
Mechanical Drawing	5
Biology	5
Practical Chemistry	10
Mineralogy	4
Practical Physics	9

3rd Year's Class.

Mechanism and Thermodynamics -	4
Applied Mechanics and Hydrodynamics	2
Engineering - - - -	3
Drawing - - - -	3
Surveying - - - -	3
Applied Chemistry - - -	1
Geology - - - -	3
Mineralogy - - - -	1
Mining - - - - -	1
Metallurgy - - - -	1
Assaying - - - -	1
Analytical Chemistry - - -	2

EVENING LECTURES.

SESSION 1881–82.

During the Session 1881–82 there were 68 entries for the evening classes; in addition to which 458 persons purchased tickets for single lectures.

The following statement shows the number of students in each of the subjects dealt with in the lectures:—

Name of Class.	Number of Students.		
	Regular Students.	Occasional Students. Average Number of Tickets sold.	Total.
Organic Chemistry - - -	17	1	18
Physical Geography of Ireland -	13	1	14
Electricity, Heat, and Magnetism -	30	18	48
Animal Physiology - - -	7	2	9
Rocks and their Mineral Constituents	1	7	8

Of the students who took tickets for the entire course, 53 entered for a single subject, 6 for two subjects, and 1 for three subjects.

The fees paid for the Session by all students attending these classes amounted in the aggregate to 41*l.* 7*s.* 6*d.*

SESSION 1882–83.

Up to the 31st December 1882 there have been 91 entries. In addition, 64 persons have purchased tickets for single lectures.

The following statement shows the number of students in each of the subjects dealt with in the lectures:—

Name of Class.	Number of Lectures.	Number of Students.	
		Regular.	Occasional.
Hygiene and the Laws of Health - -	10	5	13
Physical Geography - - -	8	20	15
Heat and its applications - - -	10	47	31
Inorganic Chemistry, the Inorganic Elements.	10	42	5

Appendix H.

REPORT BY SECRETARY PRO TEMP. OF ROYAL COLLEGE OF SCIENCE FOR IRELAND.

Of the students who took tickets for an entire course, 73 have entered for a single subject, 13 for two subjects, 4 for three subjects, and 1 for all the subjects.

The fees paid, up to the end of the year 1882, by all students attending the evening classes, amount in the aggregate to 29*l.* 17*s.*

The number of visitors to the Museum during the year was 4,431, being an increase over the previous year of 2,752.

J. P. O'REILLY,
Secretary, pro tem.

January 10th, 1883.

REPORT of the CURATOR and LIBRARIAN of the ROYAL COLLEGE OF SCIENCE FOR IRELAND.

Return of books and maps added to the Library of the Royal College of Science, besides periodicals, during the year 1882, from January to December 31st:—

Books purchased - - - - 181
" " and received in parts - 36

Maps:—
Carte Géologique de la France, 10 sheets, with descriptive notices.
Topographical Map of Switzerland, sheet 20.
Map of Egypt.

Books presented:—
Memoirs of the Geological Survey of India:—
Vol. XVIII., Parts 1, 2, 3.
Records of the Geological Survey of India:—
Vol. XIV., Parts 1, 2, 3.
Palæontologia Indica:—
Series II., XI., XII., XIII., Vol. III.
A Manual of the Geology of India, Part III.
Transactions of the Royal Irish Academy:—
Vol. XVIII., Parts VI–X.
Proceedings for the year 1881–2.
Minutes of Proceedings of the Institution of Civil Engineers, London, for the year 1881–82. 3 vols.
Latham, H.—On the action of Examination considered as a means of Selection.

MUSEUM COLLECTIONS.

The following models and specimens have been added to the collections of the Museum.

Class of Engineering and Descriptive Geometry:—
1. Model of a switch and railway crossing.
2. Apparatus for central switch and signal.

Class of Mining and Mineralogy:—
A collection of 17 minerals.

(Signed) *ALPHONSE GAGES*,
Librarian, Curator, &c.

APPENDIX I.

REPORT of the DIRECTOR of the SCIENCE AND ART MUSEUM, DUBLIN.

To the SECRETARY, SCIENCE AND ART DEPARTMENT.

Leinster House, Dublin,
6th January 1883.

SIR,

I HAVE the honour to submit the Annual Report on the Science and Art Museums, the Royal Botanic Garden, Glasnevin, and the Metropolitan School of Art for the year 1882.

I regret to say that owing to the unavoidable delays which have occurred in the selection of the plans for the intended Museum of Science and Art no steps have as yet been taken towards the erection of the building.

Meanwhile, the temporary museum which is intended for the exhibition of objects of decorative art now accumulating is approaching completion.

The new wing of the Art school which was commenced about this time last year is now finished, and when sufficiently dry, and properly furnished, it is proposed to use it for the accommodation of the day classes as well as the evening female and evening male life classes, which will leave the gallery free for the exhibition to the public of the valuable collection of casts and water-colour drawings the property of the Department, which will thus be properly preserved, and be available for study in the school, whenever required.

Her Majesty's Treasury have arranged that all glass cases, as well as the interior fittings for the same, school furniture, plant-tubs for the Botanic Garden, &c., heretofore supplied by the Board of Works, shall for the future be estimated for, and obtained by the staff of the Museum, an arrangement which will greatly facilitate the officers in carrying out their duties.

With a view to the recommendations made by the Visitors in their last report being carried out, care was taken when preparing the estimates for 1883–4 to insert the several requirements embodied in that report.

The electric light has been used in the upper room of the Natural History Museum, and although it has been approved of as a mode of lighting, the system adopted seems to require some modification in order to render it thoroughly effective.

Many interesting additions, both as purchases and gifts, have been made to the several collections.

A large and interesting collection of dresses and implements of the South Sea Islanders which was made by the celebrated Captain Cook was presented by the Board of Trinity College, Dublin, and placed in the Ethnological section of the museum.

In the early part of the year, Mr. Longfield attended the Hamilton Palace sale in London, and made some important purchases.

Appendix I.

REPORT BY DR. STEELE.

During the autumn the National Exhibition which was held in Dublin was visited by the officers, and valuable information obtained.

In the Appendix to this report will be found, a list of the objects presented, deposited on loan, and purchased for the Art and Ethnological collections (Appendix A.); the report of the Curator of the Museum of Natural History (Appendix B.); the report of the Scientific Superintendent of the Royal Botanic Garden, Glasnevin, (Appendix C.); and of the Curator of the Garden (Appendix D.); and the report of the head master of the Metropolitan School of Art (Appendix E.).

The following is the return of visitors to the Science and Art museums for the year 1882.

January	17,932
February	15,489
March	16,323
April	13,097
May	12,530
June	11,836
July	12,694
August	22,151
September	16,163
October	16,997
November	17,345
December	14,166
Total	186,723

Professor McNab's report (Appendix C.) describes the work carried on by him at the Royal Botanic Garden during the past year. Taken in conjunction with the report of Mr. Moore, the Curator, (Appendix D.), much valuable information on the present state of the garden is given.

The attendance of the public has been remarkably large; Mr. Moore's return showing 48,355 visitors in excess of the numbers of the previous year.

The report of the head master of the Metropolitan School of Art (Appendix E.) sets forth the progress of the school during the session ending July 1882.

It is to be observed that the number of students, which was unusually large in 1880–81, has been maintained during the past session 1881–82.

His Excellency Earl Cowper, when Lord Lieutenant of Ireland, again offered prizes amounting to 25*l.*, to be awarded to students for works from the antique and in group painting. Her Excellency The Countess Cowper also offered a prize of 5*l.* for a design for embroidery.

The distribution of prizes to the successful students by the Lord Lieutenant, who was accompanied on the occasion by Lady Cowper, took place in the month of March 1882, in the Lecture Theatre of the Royal Dublin Society, which was kindly lent for the occasion. The ceremonial took place in the presence of a large assembly.

The following is a summary of the attendance of the public in the years 1881 and 1882:—

	1881.		1882.	
	Number.	Total.	Number.	Total.
Museums - - - -	- -	186,143	- -	186,723
Royal Botanic Garden :—				
Week days - -	62,797			
Sundays - - -	187,114			
		249,911		298,266
Metropolitan School of Art :				
Students - - -	466		465	
Visitors to Exhibitions -	1,865	2,301	1,742	
				2,207
Total - -		438,355		486,196

(Signed) Wm. Edw. Steele, M.D.,
Director.

APPENDIX A. TO DR. STEELE'S REPORT.

Art, Industrial, and Ethnological Museum.—Return of Purchases for the Year 1882.

Porcelain, Glass, Pottery, &c.

	£	s.	d.
Wine jar, Hispano Mauro - - - - -	20	0	0
21 glass vessels, ancient, from the sites of Tyre and Sidon and Cyprus - - - - - - -	13	4	0
Vase, Kutani ware, Japan - - - - -	2	0	0
„ Makudza ware, Japan - - - - -	5	5	0
Plate, old Hizen ware, Japan - - - - -	1	10	0
Dish, old Chinese - - - - - -	3	0	0
Vase, old Chinese (Hamilton sale) - - - -	28	7	0
Plate, lustred majolica (Hamilton sale) - - - -	22	1	0
Mug, Rhodian faience (Hamilton sale) - - - -	21	0	0
Plate, Sèvres porcelain (Hamilton sale) - - - -	23	2	0
Cup, saucer, and can, Crown Derby porcelain - - -	2	0	0
Dessert dish, Plymouth porcelain - - - -	5	0	0
„ Spode's porcelain - - - - -	5	0	0
Venus, statuette, Belleek porcelain - - -	5	5	0
Table top, with photographic transfers, Berlin porcelain - -	6	0	0
Plate, with photographic transfer - - - - -	1	10	0
Plaque, Jasper ware, by Adams, "Music" - - -	2	4	0
Tea-pot, black basalt ware, by Wedgwood - - -	1	13	0

Metal Work, Jewellery, Medals, &c.

Watch, the case formed of differently coloured golds, French (Barbou, Paris) - - - - - -	2	15	0
Enamelled plaque mounted in brass, Persian - - -	1	10	0
Bell, wrought iron mounting, old German - - -	7	5	0
Clasp, jade mounted in chased brass, Chinese - - -	0	16	0
Necklet, cut garnets and silver gilt filigree (German) - -	2	12	6

Appendix I.

REPORT BY DR. STEELE.

	£	s.	d.
3 spoons, crystal bowls, gold enamelled handles, German, 17th century	15	0	0
"Hibatchi" (hand warmer), pierced and chased brass on carved wood stand, Japanese	16	0	0
Chalice, silver, repoussé and chased	9	10	0
Pyx, gilt brass, repoussé and chased Two parcel-gilt metal chalices Foot of a chalice	5	10	0
16 medals	12	10	0

CARVED WOOD AND FURNITURE.

6 chairs. Italian, 17th century	2	8	4
9 Cassone fronts. Italian, 16th century	24	16	0
Chair, the back and seat embroidered with appliqué work, the frame gilt. Venetian, 18th century (Hamilton sale)	31	10	0

REPRODUCTIONS BY ELKINGTON AND CO.

"Valence" cup, Pembroke College, Cambridge, 16th century	5	10	0
Medallion plaque, Hercules and the Erymanthian boar, ascribed to Sperandio	2	10	0
Medallion, infant Hercules strangling serpents, ascribed to Sperandio	2	10	0
Cup and cover, Dutch (Haarlem), 1604	20	0	0
„ English, 17th century (Clothworkers' Company)	30	0	0
„ „ 18th „ (Merchant Taylors' Company)	15	0	0
Cup and cover, English, 17th century (Grocers' Company)	25	0	0
Chalice and cover, English, 16th century (Cathedral, Perth)	12	12	0
Salver, French, 16th century (by Briot)	5	0	0
„ „ „ „	7	0	0
„ (Norwich Corporation), 1597	6	10	0
„ (Clothworkers' Company) 1605	11	0	0
Ewer, Dutch (Delft), c. 1610	15	0	0
„ modern English	9	9	0
Salt cellar (Clothworkers' Company), 1660	12	0	0
Tazza (Dutch), 1674	6	0	0
Salver (Merchant Taylors' Company), 1597	11	0	0

LACQUER.

Piece of wood, decorated with shell fish, modern Japanese	1	1	0
Stand, decorated with a landscape, old Japanese (Hamilton sale)	15	15	0
2 trays, old Japanese (Hamilton sale) 2 candle shades, old Japanese (Hamilton sale)	27	6	0
2 medicine cases, old Japanese (Hamilton sale)	26	5	0
Box, old Japanese (Hamilton sale)	13	13	0
Tortoiseshell dish, old Japanese (Hamilton sale)	8	8	6
Tray, modern Japanese	2	0	0

LACE EMBROIDERIES, TEXTILE FABRICS, &c.

Piece of lace, Point de Milan	2	10	0
„ „	0	15	0
„ Abruzzi	0	5	0
5 pieces of silk stuffs	1	1	0
82 pieces of embroideries and textile fabrics	86	18	0
72 pieces of Chinese and Japanese textiles and embroideries *mounted* on a six fold screen.	16	0	0
2 pairs of slippers, embroidered leather, Tartar work	1	1	0

ETHNOLOGICAL SPECIMENS.

	£	s.	d.
Lantern, Chinese	4	0	0
Harp, Burmese	2	0	0
Pendants with tassels, Chinese—			
2 tiger claws mounted in silver gilt	0	14	0
2 silk and lacquer	0	12	0
2 carved jade	2	4	0
1 glass, (imitation of jade)	1	19	0
Mandarin's hat and tail, Chinese	0	4	6
Two pipes, East India	0	4	6
Bone Meré, New Zealand	0	9	6
Two fans, West Africa	0	8	6
Five feather head dresses and armlets, British Guiana	0	6	0

BOOKS.

Miscellanea Graphica or Londesboro' Museum	1	5	0
Marks and monograms on china, Chaffers	2	4	0
Catalogue of the Hamilton sale	0	5	0
„ illustrated, Hamilton sale	1	1	0
„ Londesboro' collection of antique plate (illustrated)	0	10	6
Cripps, old English plate	0	14	0

ENAMELS.

Incense burner, 2-handled tripod, Canton (Hamilton sale)	24	3	0
Bottle, square, Russian (Hamilton sale)	23	2	0

MISCELLANEOUS.

2 casts,—the Dallway Harp, Royal Irish Academy; Assyrian slab, Trinity College, Dublin	3	5	0
Water vessel, ancient Peruvian pottery	0	18	0
6 specimens of embossed leather, modern Japanese	0	9	0
Small dish of topaze (so called), Siberia	1	15	0
Seal of smoky quartz	1	5	0
„ clear quartz	1	10	0
Bunch of currants in agate, with leaves cut in jasper on a jasper slab	2	2	0
Book binding, specimen of, by Edwards of Halifax, with painted edges	1	1	0

DONATIONS.

The French Government (Ministère des Beaux Arts) from the National Factory at Sèvres, per M. Lauth, Administrateur.

Sèvres Porcelain.

Large vase (lapis lazuli).
Vase and cover, mottled bluish green.
Vase, red, Persian style.
Vase and cover, fawn coloured, decorated with a female figure in pâte sur pâte enamelling, handles formed of goats' heads.
Vase, turquoise, decorated with gold stars.
Vase and cover, mottled lavender.
Cup and saucer, painted with Watteau subjects in red.
„ the cup with pierced outer casing; the saucer with pierced edge.
Figure of a troubadour, bisque porcelain.
Dejeuner service (six pieces) of very fine porcelain, the surface fluted, decorated with gold.

Appendix 1.

REPORT BY DR. STEELE.

The Provost and Senior Fellows of Trinity College, Dublin.

A large collection of ethnological specimens principally from the South Sea Islands.

The Trustees of the British Museum.

30 reproductions of engravings in the Print Room.
Coins of the ancients, illustrated with 70 fac-simile plates.

Dr. Meyer, Director of the Royal Ethnographical Museum, Dresden.

Bilderschriften des Ostindischen archipels und der südsee.

The Marquiss of Kildare.

Nest of boxes carved and lacquered, Japan.
Dish, pottery, inlaid with cloisonné enamel, Japan.
Vessel of terra cotta formed as a shell, Japan.
Portion of an antique Lekythos, Sicily.
Small bust of Louis 16th, French bisque.
2 cups and saucers, Jackfield ware.
1 cup and saucer Celadon glaze Chinese.
1 „ Worcester.
Tumbler, old Bristol glass.
Vase, with serpent handles, blue and gold with wreath of flowers in white bisque.
Tea-pot and cover, jasper ware, by Neale & Co.
Pair of drums (portions of candelabra), by Adams.

Lieut.-General Sir Arthur Phayre, C.B., K.C.S.I.

4 antique Intaglie-Sassanian and Hindoo.

Mrs. O'Grady.

113 models of natives, fruits, &c., East India.
29 various ethnological specimens.

W. Booth Pearsall, Esq., F.R.C.S.I.

9 specimens of modern domestic pottery from Bruges, Belgium.

J. G. Robertson, Esq.

Tassel, Chinese.
Ladies boot, Chinese.
Bell, Burmese.
2 figures of Buddha, Burmese.

Miss Wallnut.

Bow and arrow, Andaman Islands.

LOANS.

J. G. Robertson, Esq.

Miniature of a gentleman, by Jackson

Robert W. Smyth.

9 antique weapons.

Mrs. Augustine Barton.

5 antique weapons.

Progress reported during the past year :—

809 specimens labelled and registered, making a total of 4,021.

35 photographs and drawings made for the Illustrated Register, making a total of 774.

9 frames, containing 98 drawings of historic relics by the late Mr. J. L. Williams, and 2 frames, containing 28 medals, have been arranged for exhibition.

35 stands made for various objects.

Descriptive labels executed :—

120 hand printed.

5 painted.

104 written.

T. H. LONGFIELD,
Art and Industrial Assistant.

APPENDIX B. TO DR. STEELE'S REPORT.

REPORT of the CURATOR of the NATURAL HISTORY MUSEUM for the Year 1882.

During the past year considerable progress has been made in the cleaning, remounting, and re-arrangement of specimens, a heavy task which will require at least another year for its completion.

A large portion of the *Mammalia* have been overhauled and re-arranged, and the new labels are in course of being painted. The principal additions in this class are the skeletons of the Giraffe and Great Anteater, and a stuffed Rhinoceros from Sumatra.

The entire series of Irish birds has been thoroughly cleaned and freshly labelled. The unsatisfactory specimens have been removed and replaced by others obtained from the Natural History Society of Dublin and other sources, so that this collection will now bear favourable comparison with any other of a similar kind.

A number of rare European birds' eggs have been acquired, and the skeletons of several rare species of birds.

Through the good offices of Dr. F. Steindachner, exchanges have been made with the Imperial Zoological Museum of Vienna, whereby skeletons and spirit specimens of fish have been obtained in return for a series of British *Salmonidæ*.

All the stored specimens preserved in spirit have been gone over and carefully examined. The bad ones have been condemned and selections made for incorporation in the general series.

The *Invertebrata* are undergoing a complete re-arrangement, the cases being placed as nearly as possible in zoological sequence. To facilitate the inquiries of students, easy definitions of the main groups are legibly written and placed in each case, and the anatomy of a typical member of each group is illustrated and popularly described. Models and coloured drawings are incorporated with dried and spirit specimens, so as to give as accurate a conception as may be of the natural forms and colours. It is intended also to illustrate such points of the life history of typical members as have bearing on the affinities and position of the group. A few selected fossils have been intercalated, to illustrate the first appearance and the main extinct modifications of the species, genus, or family. Geological charts have been introduced to show at a glance the geological range and the comparative abundance of the forms. Maps of the world, with the zoological regions indicated, will shortly be ready, on which it is proposed to show in colour the geographical distribution of the individuals or groups, the main object in view being to exhibit in a plain and intelligible manner all that can be shown of the form, structure, life history, distribution in time and space, and economic importance of the several animals.

Appendix I.

REPORT BY DR. STEELE.

I have to call especial attention to the extensive and beautifully preserved series of marine animals lately obtained from the zoological station at Naples, which illustrate nearly all the most important forms of the Mediterranean fauna, and which, with the large Norwegian collection already in the Museum, will afford, to those who are interested in the subject, most valuable materials for the study of both northern and southern forms which may occur on our coasts. A number of glass models from Blaschka of Dresden will further serve to show the form and appearance of the living animals.

A number of rare species and varieties of shells have been purchased in order to render our British conchological series as complete as possible.

A certain number of cases have been set apart and prominently labelled for the Irish collection of marine *Invertebrata*. Here will be found specimens, as far as they can be obtained, of all the species known to occur in this island, and by this means I hope that the study of our local natural history will be much facilitated.

In fossils, the chief purchases have been a series selected by Mr. Charlesworth from the collection of the late Professor Tennant; and some old red sandstone fishes from Mr. Damon.

A cast and photograph of the two specimens of archæopteryx will form the nucleus of an illustrative series of the intercalated forms between birds and Deinosaurs which I am now endeavouring to make.

In the entomological department little has been done, owing to the long illness and subsequent resignation of Mr. Glazebrook; and, except for the occasional assistance of Mr. Kane, these extensive and valuable collections have necessarily been much neglected, a state of affairs which I hope will soon be rectified by the appointment of an efficient entomologist.

The collections, besides the purchase of some European *Lepidoptera* and foreign *Coleoptera*, have been largely augmented by the generosity of the Board of Trinity College, Dublin, who have presented to this museum the entire collection of the late Mr. A. H. Haliday, containing several thousand European species.

The re-arrangement of the mineral collection proceeds steadily. The additions made during the past year are unusually numerous, including many rare and valuable specimens.

(Signed) *A. G. More*,
Curator, Natural History Museum.

APPENDIX C. TO DR. STEELE'S REPORT.

REPORT of the SCIENTIFIC SUPERINTENDENT of the BOTANIC GARDEN, GLASNEVIN, DUBLIN.

I HAVE the honour to submit to the Department my Third Annual Report as Scientific Superintendent of the Royal Botanic Garden, Dublin, for the year ending 31st December 1882.

1. *Physiological Laboratory.*—I am happy to be able to report the increasing importance of the laboratory as a means of instruction in botany. One student (Mr. Leonard) devoted a large amount of time to laboratory work at the garden, and besides obtaining valuable botanical prizes was enabled to obtain honours in botany at the examinations of the Royal University of Ireland. Two other students also worked occasionally in the laboratory. As I have to give up my own table to the students permission to work is regarded as a great privilege.

Owing to the institution at the Royal College of Science of a course of instruction in elementary biology many laboratory appliances have had to be purchased for the college, and as these will all be available for work at Glasnevin, I hope next year to have a few important pieces of physiological apparatus at my disposal for work at the garden.

As the botanical portion of the new biological course at the Royal College of Science began in October, it was necessary to make a considerable number of preparations in case of the failure of the proper supply of living plants for investigation. During the summer and early autumn I preserved ample

materials for work, both in spirit and in chromic acid, and all these were found to be of the greatest service. Several plants had to be grown specially for the class, but not in all cases with success. Having, however, the preserved specimens to fall back upon, all the materials for the botanical portion of the course of biology were forthcoming upon the proper days.

A large amount of microscopical work was carried on during the year in the laboratory. One of the microscopes belonging to the Botanical Department at the Royal College of Science has been set aside for laboratory work at Glasnevin, and is a fairly good working instrument. Among the more important investigations carried on during the year I may mention the study of the histology of the stem of a remarkable sapindaceous plant growing in the garden, and also of that of a seedling opuntia. A great deal of attention was also given to a series of abnormal flowers of begonias produced by plants in the garden, and I hope that by their means I shall be able to throw some light on the construction of the flower in that difficult and badly understood genus.

During the year I have preserved a number of specimens in spirit for lecture purposes. These I find to be of great use at the College of Science, as it often happens that fresh specimens are not to be had when wanted during the session. I have also preserved a number of fruiting liverworts, whenever such can be obtained.

2. *Garden.*—The alteration in the medical arrangement has been carried out, and now only those hardy plants which are official in the British Pharmacopœia have been retained. The British collection has not been re-arranged, but the number of each natural family as it occurs in Hooker's Students' Flora has been placed on the ordinal label. The same, as far as practicable, has been done in the general collection, the number of the natural family in Bentham and Hooker's General Plantarum having been placed on the ordinal label. In this way the sequence of families can easily be followed, although the beds containing them are much scattered. The plants were originally placed according to Endlicher's arrangement, and a re-arrangement of so many living plants would involve very much labour and certain loss, disadvantages which completely outweigh any possible gain to the botanical student, more particularly as the sequence of families, even in Bentham and Hooker, does not represent the present state of our knowledge of classification.

During the session at the Royal College of Science abundance of fresh specimens were obtained for lectures and demonstrations, some of the plants being specially forced for lecture purposes. Demonstrations were also given in the garden and in the hot-houses. Special arrangements had also to be made for the biological course in October. All fresh cut specimens used for lectures are now placed upon the lecture table in glasses of water, a change of the greatest importance. The supply of specimens for the College of Science and for my own study leaves nothing to be desired, and I have much pleasure in again thanking the Curator for the prompt and liberal manner in which he supplies my wants.

3. *Herbarium, Museum, Library, &c.*—I most earnestly hope that some action will be taken during the ensuing year in regard to this department. The urgent want of proper accommodation has been referred to, not only in my Reports, but has been brought prominently under the notice of the Board of Visitors, without as yet the slightest result. The present condition of affairs is unworthy of the Science and Art Department, and deprives us of almost all claim to be regarded as a scientific botanical establishment.

The *Herbarium* remains, as before, in the office, and although I have made two applications for herbarium cases, none have been provided. During the year I directed the attention of the Science and Art Department to the offer for sale of Baron Caesati's magnificent private herbarium of 50,000 species, and strongly recommended its purchase. As the collection is, I believe, still unsold, I again urge, in the strongest possible manner, the importance of purchasing this collection as the foundation of an Irish national herbarium. Starting from our present position, it will take many years, and a very large expenditure of money to obtain a collection worthy of the Department. For this and other reasons I consider that every effort should be strained by the

Appendix I.

REPORT BY DR. STEELE.

Department to purchase Baron Caesati's collection. Large private herbaria are very rare, and I doubt if there are more than two or three other private collections of anything like the same extent ever likely to be offered for sale.

During the autumn I obtained access to Admiral Jones' collection at the Museum of Science and Art. This collection was noticed in my last Report, and its transfer to the garden advised. While the greater part of the collection is in good condition, some parts have suffered greatly from neglect.

The *Museum* is discreditable both to the Science and Art Department and the Board of Works. A shed, which is not water tight, and with cases of the worst possible description, it is neither adapted for the preservation or display of specimens. During the year I devoted a good deal of attention to this department, clearing out rubbish and attempting to re-arrange and display some of the objects, many of which are of interest and value. As no preparation jars were obtainable, I lent a few from the Royal College of Science. Immediate provision for the purchase of preparation jars, spirit, and for mounting specimens for exhibition, should be made, so that in the event of a new building being provided the objects for exhibition might be placed in position without delay.

Library.—In my last Report I directed attention to the condition of the library, but I regret to say there is no material improvement in its condition. Many of the books, which are either non-botanical or mere rubbish, ought to be removed, the whole carefully revised and catalogued, and whenever possible incomplete works ought to be completed. There is, however, very little use in doing anything regarding mere internal details so long as a suitable building is not forthcoming. I notice that no provision is made in the plan of the proposed Museum of Science and Art at Kildare Street for a Botanical Department, and I trust botany may not be altogether overlooked if a proper building be not provided at Glasnevin.

4. *Hot-houses.*—Attention has been directed, not only in my Reports, but in those of the Curator, to the want of a succulent house, and a fern house, and also to the want of a new palm house. These wants have also been brought prominently under the notice of the Visitors. It is greatly to be regretted that nothing has been done. The result of the neglect of the representations made may prove to be serious, as the palm house is now in such a condition that it may collapse at any moment and cause the destruction of many valuable plants.

In conclusion I can only express my regret that so little has been done since the transfer of the establishment to the Science and Art Department to render the Royal Botanic Garden, Dublin, a scientific botanical establishment worthy of Ireland. The condition of the garden leaves little to be desired, and the number of visitors shows how much the garden is appreciated. With a few new houses the garden would be placed in a high state of efficiency. Until, however, the Museum, Library, and Herbarium, have been placed on as good a footing as the cultural department, the Royal Botanic Garden, Dublin, can claim only a very subordinate position among the Scientific Botanical Establishments of Europe.

(Signed) *W. R. McNab, M.D., F.L.S.*

January 1, 1883.

APPENDIX D. TO DR. STEELE'S REPORT.

REPORT of the CURATOR of the ROYAL BOTANIC GARDEN, GLASNEVIN, for the year 1882.

I. *Number of Visitors.*—There has been a large increase in the number of visitors to the garden during 1882, the number being 298,266. Sunday visitors, 212,690; weekday visitors, 85,576.

The increase over 1881 amounts to 48,355 and over 1880 to 96,446, the following being the numbers for these three years:—(1880) 201,820, (1881) 249,911, (1882) 298,266. The highest monthly attendance of visitors was

during August, number 53,144. The highest weekly during seven days ending August 19th, number 22,917. The highest Sunday attendance was on Sunday September 17, number 10,145, and the highest weekday attendance was on 29th May (Whit Monday), number 7,920.

The large increase is partially due to the opening of the exhibition of Irish industries, which attracted large numbers of visitors to Dublin, but it cannot be solely attributed to this source, for although the exhibition did not open until August 15th, there was an increase of 22,424 in the first six months of 1882 over the corresponding period of 1881.

1881.		1882	
January - -	7,278	January - -	6,439
February - -	4,894	February - -	8,692
March - -	12,773	March - -	17,204
April - -	32,079	April - -	36,989
May - -	28,513	May - -	37,123
June - -	26,512	June - -	28,026

II. *Conservatories :—*

a. Tree fern house.—No changes were made in this house during the year. It is in good condition, and the plants in it are healthy, but over-crowded.

b. House for aquatic plants—The alterations of the tanks which were made during the spring, have remedied all the evils complained of in former Reports. This house is now in good condition, and the tanks are fairly staunch.

c. Curvilinear range.—Messrs. Boyd completed the alterations to the heating apparatus, commenced in 1881. A relief boiler was erected, and the tubular boilers removed from the cool end, the hot water pipes of that portion being put in connection with the new boilers. The entire range is now heated with one boiler, instead of with three, as was formerly the case, and there is a spare boiler in case of accident. The altered system has worked perfectly, and has been severely tested.

On the night of December 14th the exposed thermometer fell 8° 6″ (Fahrenheit), and at 12 p.m. the following was the reading of the thermometers in the three compartments:—

Stove end 60°, central compartment 48°, coal end 45°.

With the old boilers such a temperature could not have been maintained during such severe frost.

d. Orchid-house.—The entrance to the Orchid-house was removed from the centre to the east end, and a porch was added to it by Messrs. Boyd. This porch perfectly answers the purpose for which it was erected, and is a great improvement to the house.

The interior was painted and repaired, and with the exception of some alterations required in the heating apparatus, the house is in excellent condition.

e. Tropical palm house.—It is positively dangerous to depend any longer on this structure. The roof leaked so badly that it had to be painted outside during the summer, which to some extent staunched it. While painting some of the sashes were found to be so decayed that they had to be removed, and others were strengthened and repaired. The entire roof is unsound and unsafe. One of the boilers commenced to leak during the severe weather, and can no longer be depended on. A large number of the large plants in this house will require new tubs during the ensuing session.

f. Camellia house.—No repairs or alterations were required in the Camellia house. It is in good condition.

g. Filmy fern house.—Some alterations of a trivial nature were made in this house, and some further unimportant alterations are required.

h. Propagating pits.—New boilers were put to the stable range of pits by Messrs. Boyd, who also made considerable alterations in the arrangement of the hot-water pipes. The result has been most satisfactory, as during the late severe frosts, from December 8th to December 17th, no difficulty was experienced in maintaining the requisite temperature in the different pits. Some of the plant stages in this range of pits are very much decayed, and will require to be renewed.

Appendix I.

REPORT BY DR. STEELE.

III.—*Museum.*—The roof of the museum leaks so badly that the public cannot be admitted during rainy weather. Many objects of interest are being damaged by the moisture, which penetrates the cases, and although every effort is made to keep it neat and clean, it cannot in its present condition, be an object of attraction to visitors.

IV. *Library and Herbarium.*—With an increasing number of dried plants and books, all the evils complained of in former reports with regard to this department have been aggravated. The present condition may be summed up as follows.—Insufficient and unsuitable accommodation for collections of dried plants, resulting in much injury to them from damp and dirt, and great inconvenience in referring to them. Very insufficient accommodation for the existing collection of reference books, and absolutely none for the many additions now required to the collection.

V. *Outside Grounds:*—

a. Pleasure ground.—Paved channels were made along the margins of all those walks, which owing to the undulations of the ground were injured by surface water in rainy weather. Covered drains were also constructed at the entrance gate in connection with these channels to convey the water to the sewers in the road.

Some further thinning of over-crowded trees was effected, and the general appearance and conditions of the grounds during the past season was good.

A new and very excellent house was constructed by Messrs. Boyd in which to winter tender bedding plants, a good stock of which can now be preserved for summer work.

b. Botanical arrangements.—The vacancies left by the half hardy plants, which were killed during the winters of 1878 and 1880, have now all been filled with plants of a more robust constitution.

Many additions were made to the collections, which are now very complete, and are much used by students and botanists.

c. Arboretum.—The work of collecting together the various genera of hardy trees and shrubs was continued. Some young oaks were planted in place of the old collection of fruit trees, and, where over-crowded, the least interesting and valuable plants were removed to make room for the choice sorts.

d. New ground.—The wall separating this ground from the garden was removed in the spring, and a good substantial wall was erected to separate the garden from the adjoining convent. The circular avenue was completed, and much of the rough ground was levelled and brought into conformity with the surrounding parts. A large portion is now quite finished, and the entire piece will probably be ready for planting in the autumn.

The public are now admitted to this fine addition to the garden.

e. Nursery ground.—A potting shed was constructed in the nursery-garden, and proves of much service; two frames were provided by the Board of Works, and the south wall, which was in a very bad state, was thoroughly repaired. The grass borders, which occupied too much space, were removed, and were replaced by box edgings. A new door was opened to the outside experimental border.

f. Hardy plant yard.—A brick pit, in which to winter half hardy plants, has not been constructed yet, although frequently applied for. It is much required.

In this yard, the new house already alluded to, for bedding plants, was erected on the site occupied by the old tent.

New rain gutters were put to the adjoining pit, the former gutters being too small, frequently overflowed, and injured any plants underneath them.

VI. *Supply of Specimens to Places of Instruction.*—The usual supplies of cut flowers and plants were given to the Royal College of Science, School of Art, and Queen's College, Galway. Specimens were also given for the examinations of the Royal University, and when they could be spared, specimens were given to private teachers and various institutions.

VII. *Interchange of Plants and Seeds.*—A large number of plants and seeds were added to the collection by exchange, and many were given in return from the garden. Most of the former contributors to the collections at

Glasnevin continued to evince their interest in the garden during the past year, and by means of letters and by personally calling on them, some additional plant cultivators were induced to become contributors.

1882	Plants received	1,326	Plants distributed	1,717
	Seeds received	1,386	Seeds distributed	1,034
		2,712		2,751

The number of donations received was 140 from 91 donors, residing as follows:—Ireland, 40; England, 25; Scotland, 4; America, 1; Germany, 6; Belgium, 2; Italy, 2; Spain, 1; Holland, 1; France, 1; Russia, 1; Java, 1; Ceylon, 1; Africa, 2; Australia, 3. Large and valuable donations were received from the following, amongst others, Messrs. J. Veitch & Sons, Chelsea; W. Bull, London; B. S. Williams, London; Messrs. Shuttleworth, Carder, & Co., London; Messrs. Backhouse, York; Rodger McClelland & Co., Newry; Messrs. Bridgford & Sons, Dublin; M. Jacob Makoi, Liege; Sir Trevor Lawrence, Bart., M.P.; R. W. H. Stansfield, Esq.; J. Wood, Esq.; Max Liechtin, and from the Directors of the following:—Botanical Gardens, Kew, St. Petersbourg, Oxford, Berlin, Madrid, Melbourne, Sydney, Natal, and Hanover.

I have again to direct your attention to the continued liberality of Messrs. Veitch, from whom several valuable contributions were received during the past year. The directors of the Royal Gardens, Kew, and of Herrenhausen (Hanover), also sent specially valuable collections of plants.

VIII.—*Purchase of Plants and Seeds.*—The sum expended on the purchase of plants and seeds of all descriptions for Glasnevin, and the Lienster Lawn, amounted to 253*l.* 15*s.* 10*d.*

	£	*s.*	*d.*
Indoor plants	175	14	4
Hardy plants	16	7	0
Bulbs, seeds, plants, for forcing, &c.	61	14	6

In 1881 262*l.* 1*s.* 11*d.* was expended on plant purchases as follows:—

	£	*s.*	*d.*
Indoor plants	184	2	9
Hardy plants	18	11	8
Bulbs, seeds, plants, for forcing, &c.	59	7	6

The number of plants purchased were—1882, 364; 1881, 749.

IX. *Journeys.*—In September I made a journey to London, Belgium, Metz, Hamburgh, Berlin, and Hanover. In London and Belgium I purchased many new or rare plants, and in Metz I selected for future purchase a number of trees and shrubs for the arboretum.

In Berlin and Hanover I was successful in arranging very profitable exchanges with the directors of the Botanical Gardens in those places. Many of the plants promised have already been received at Glasnevin.

X. *Meteorological Department.*—The usual observations were taken twice daily during the entire year, and a record of these observations was sent each month to the London Meteorological Department. Mr. Scott inspected the instruments on the 18th October, and reported that they were in good condition, and that the observations were taken accurately.

XI. Two new sheds were erected during the past year, one in which to store soils, pots, &c., and the other as a work-shop for the Board of Works tradespeople. The latter is not yet completed, although the contractor finished his part of the work a considerable time ago. In consequence, the tradesmen still use the garden sheds as work-rooms.

(Signed) *F. W. Moore,*
Curator.

Appendix I.

APPENDIX E. TO DR. STEELE'S REPORT.

REPORT BY DR. STEELE

REPORT of the HEAD-MASTER of the METROPOLITAN SCHOOL OF ART, DUBLIN.

SIR,

I BEG to submit my Annual Report on the Metropolitan School of Art for the year ending 31st July 1882.

Since the date of my last Report the additional wing to the school has been completed, a work recommended as necessary for the full and proper accommodation of the various classes of the school. This new wing (including eight lofty and well-lighted class rooms) is well calculated to afford sufficient space for future operations.

The arrangements in respect of gas-fittings, furniture, models, examples, &c., will require several months longer to complete. The present damp state of the rooms, no proper provision having been made for warming the same, precludes the possibility of their occupation earlier than the month of October next, when the school re-opens after the Midsummer vacation.

I beg to recommend terra cotta stoves as used in Italy, &c., as being much less objectionable than the ordinary cast-iron stoves which have too drying an effect on the air. In addition to this it will, I think, be necessary to assist the heating of these rooms by the introduction of hot water pipes which can be added in continuation of those already arranged in the old school.

Much inconvenience to the school has attended the very considerable alterations, repairs, and changes which have been in progress, and my time has frequently been much occupied in connexion with the same and also with the care, arrangement, order, and distribution of school material, examples, and objects of study, and in preparing the many requisitions necessary for the alterations and general requirements of the school.

As regards the lighting of the rooms above referred to for night study, in addition to the recommendations contained in my former Reports on this subject, I beg to say that I shall be glad to assist those engaged during the progress of the work with such suggestions as may tend to ensure a satisfactory result. The importance of this matter and of having arrangements more or less perfect in this respect has led me to obtain particulars as to the method of lighting which has been adopted in the life schools of the École des Beaux Arts in Paris, which I beg briefly to describe, viz. :—The room used for the study of the antique and living figure is furnished with an oil lamp of great power having a reflector so placed as to throw the light fully and effectively upon the model, whilst over that portion of the room occupied by the students, other oil lamps are arranged having deep reflectors over and around them to throw light down and upon the works in progress.

The seats of this room are continuous semicircles and are arranged "en amphitheatre" to accommodate 80 students.

The room set apart for those modelling in clay is capable of accommodating 27 pupils. The students in modelling work at posts with revolving tops fixed at equal distances apart according to a semicircular arrangement, the studies being lighted by moveable oil lamps and reflectors placed over and behind the students. The model is lighted in the same manner as before described.

I have recently had to call attention to the very defective ventilation and imperfect system of lighting in the elementary class room of the basement story of the old school and which is chiefly used by students of the artisan classes for evening study; the heat of this room when lighted up with gas is so considerable as at times to become most seriously inconvenient both to students and instructors, impairing the health and energy of all concerned.

I may mention that, notwithstanding the continued depression both commercial and agricultural, which has so long been experienced in this country and city, and to which I had occasion to refer in my last Report, it is with satisfaction I am able to state that (although there has been a greatly reduced attendance of pupils very generally in educational establishments in Dublin) there has been no falling off here in the increased attendance referred to in

my Report of the past year. Many of our best students are compelled in consequence of the depressed state of trade in this country to seek remunerative employment, and are unable to avail themselves as largely as in former years of the advantages offered by the school, or to continue their studies for a period sufficiently long to enable them to obtain an education in Art so complete as could be desired.

During the session, or from 1st of October 1881 to the 31st of July 1882, the school has been attended by 465 students; of this number 286, consisting of 205 male and 81 female students, entered the school on the lower scale of fees as established to meet the requirements of those belonging to the industrial classes, &c. Of the 465 students above named, 248 were males and 217 females.

The fees received amounted to 470*l.* 12*s.*, showing an increase of 58*l.* 4*s.* 6*d.* over the amount received for the corresponding period of 10 months in 1880–1.

1873 works in the various stages of the Art course were forwarded to South Kensington for examination, and competition in April last, and 27 prizes of the 3rd or highest grade were awarded for studies of various kinds executed in accordance with the educational course. Three national awards were obtained as follows; viz., Baily, A., silver medal, for a design for embroidery; Carnegie, I. F., silver medal for a group in water colour; Varian, A., Queen's prize for a fruit branch (apple) in water colour.

The money prizes offered by his Excellency Earl Cowper, K.G., were awarded as follows; viz., Richard T. Moynan, for the best drawing of a full length antique figure, prize of 10*l.*; Dora Bradley, for the best painted group in oil, 5*l.*; Ida F. Carnegie, for group of still life in water colour, 10*l.*

The prize of 5*l.* offered by her Excellency the Countess Cowper for the best pair of original designs applicable to embroidery was obtained by Alice Bailey. Four students were successful at the advanced examinations held locally in May last.

Sixty-nine students succeeded in passing examinations in 101 papers in the subjects of the second grade course, and 11 full certificates in this grade were obtained The total number of students who presented themselves for examination during the year in the various subjects of the three grades into which the Art course is now divided was 214.

Many students are preparing the works and are qualifying themselves to pass the examinations in connection with the Art class teachers' certificate and the higher certificate of the third grade.

At the competition held by the Royal Dublin Society on the 4th April last for the money prizes arising from the bequest of the late Captain Geo. Archibald Taylor, Henry James Brown, a student of the school, obtained a prize of 10*l.* for a study in oil entitled "Fisherman's Cave in the Dargle, county Wicklow."

The judges expressed themselves greatly pleased with the general character of the works submitted on the occasion, many of which were executed by those who had studied in our classes.

The following, who have been for the most part trained in this institution, obtained the chief prizes offered by the Royal Hibernian Academy, viz., Mr. Darius McEgan, silver medal for the best study made from the living model. Mr. Dominic O'Connor, and Mr. H. C. Tisdall obtained the chief remaining prizes offered by the Academy.

During the months of June and July a class for the study of landscape from nature met on two days in each week in the Botanic Gardens.

Lectures on anatomy and botany as relating to Art were given during the session by Dr. Alexander Mac Alister and Professor McNab.

An exhibition of the works of study in drawing, painting, and modelling, executed in the various stages of the Art course, was held in the school during the Christmas vacation, and was visited by 1,835 persons.

The Midsummer vacation began on the 1st of August and ended on the 30th September 1882.

I may observe that the modelling class has during the session received much of my attention, and there are now greater facilities than formerly for

Appendix I.

REPORT BY DR. STEELE.

such study, all material being provided for the students, whilst casts of such models as are considered to possess sufficient merit are made for them at the expense of the school. Such encouragement should be sufficient to induce students to avail themselves of these advantages in considerable numbers. It is to be regretted that more persons are not aware of the importance and value of such study in connexion with an education in Art, and which undoubtedly should accompany and would assist all study in drawing.

I have to mention that Mr. Bowcher, a student from the training class, London, has since June last very ably assisted in the instruction of the modelling class.

I may observe, that when all the arrangements now in progress in connection with the new and additional class rooms of the school are fully carried out, advantages will be offered for the study of Art so great as scarcely to be surpassed elsewhere, and every class of the community will have ample opportunity, at fees the most moderate, of obtaining a knowledge of the practice and principle of Art, whilst those more immediately concerned in manufacturing industry, and in every kind of production demanding good taste, will be enabled to obtain knowledge calculated to beneficially influence all their operations and give to the same a higher artistic and commercial value.

I have, &c.

(Signed) *Robert Edwin Lney.*
Head-master.

APPENDIX J.

REPORT of the BOARD OF VISITORS of the SCIENCE AND ART MUSEUM, NATURAL HISTORY COLLECTIONS, and BOTANIC GARDENS, DUBLIN.

To the Science and Art Department of the Committee on Education of Her Majesty's most Honourable Privy Council.

The Visitors regret that an earlier opportunity has not been afforded to them of making this their Report for 1882, owing to delay in furnishing them with the reports of the several officers in charge of the various branches of the establishment.

As regards the Museum of Natural History, and other buildings connected therewith, for the Science and Art Museum, the Visitors desire to record their grateful thanks to his Excellency the Lord Lieutenant for the effective steps his Excellency has taken in the promoting of this important national undertaking.

The Visitors having inspected the various institutions in connexion with the Department in Dublin, and considered the reports for last year of the several officers in charge of them, beg to report as follows :—

Museum of Natural History.—The attention of the Visitors was specially attracted in this department by the deficiency of light in the cases for mammals in the upper room. It has been suggested that the lighting might be much improved by forming the floor of the bird galleries of prismatic glass, or strong thick plate glass, with iron frames; but the Visitors think that experiments should be made as to the best mode of attaining the end in view, and would suggest that the Board of Works should be communicated with on the subject.

It would also be a great convenience if all the mammal cases had their glass fronts made to slide, instead of only the alternate ones, as at present, as the person arranging the specimens has to creep through the alternate cases, running risk of damaging the specimens, which is extremely undesirable and objectionable.

The Visitors suggest that the present yellow blinds on the south side of the ground floor room should be replaced by ground or fluted glass in the top as well as the bottom sashes. They would admit more light, which is greatly required, and conceal the unsightly wall outside.

The wooden backs of the bird cases in the upper room should be carried up to the top, or a false ceiling inserted, to exclude air and dust from the cases.

The electric lighting is not very satisfactory, as the light is by no means steady.

It would be desirable that all the four porters should attend when the Museum is open in the evenings, instead of only two, as at present.

Art and Industrial Museum.—There should be, if possible, a second porter permanently appointed in charge of this Museum.

Botanic Gardens at Glasnevin.—The library and offices adjacent to it are still in a very bad state; the valuable Herbarium has no separate accommodation, the room in which it is placed being unavoidably used also as a seed room, lecture room, and for packing and drying plants, is most unsuitable for the storage of delicate specimens, and quite inadequate for the purpose.

The Botanical Museum is also in a most unsatisfactory condition, owing to the defects of the small shed in which it is housed.

If the Herbarium and Botanical Museum are to remain at the Gardens, a suitable building should be provided which could contain both in

Appendix J.

REPORT OF THE BOARD OF VISITORS.

safety, and under proper conditions for public instruction and use. But in the absence of an extensive Botanical Library at the Gardens, it appears to the Visitors that the balance of opinion is in favour of removing the Herbarium and Museum to the proposed new buildings in Kildare-street, in order that the former may be close to the works of reference in the National Library, while the specimens relating to Economic Botany would naturally find a place in the Industrial division of the general Museum.

The Visitors recommend that the question of locality for the Herbarium and Botanical Museum should be decided upon without delay, in order that the necessary provision may be made for them in the projected buildings at Kildare Street, in the event of their ultimate removal to the National Museum.

Should the removal referred to be decided against, the Visitors would then invite the attention of the Department to the important reports for the last three years in relation to the Museum, Herbarium, and Library, by the Scientific Superintendent and by the Curator of the Botanic Gardens, pointing out the dilapidated condition of that portion of the Department's property and buildings, and the great need existing for the provision of suitable buildings.

The tree-fern house at the Gardens appears to be in good order, but is becoming inconveniently crowded from the growth of the fine specimens of this class of plants.

The Victoria Regia house is in good order.

The Visitors were pleased to see that following their suggestion of last year, a new span-roofed house for wintering bedding-out plants in, has been erected in the frame-yard, with a convenient little compartment at the end for potting the plants; the whole being a great addition to the resources of the Gardens. It appears to be well built, with good stages for plants in pots, and convenient space for roots underneath.

In this frame-yard a double brick pit appears to be still much required for the use of the Gardens, so as to replace the old one, which is in a ruinous condition.

Near the foreman's cottage (No. 1) an improvement has been effected on the left bank of the river by the erection of a concrete wall to protect the land of the Gardens from encroachment by the river; but on the right bank of the river, from the junction with a small stream down to the bridge on the public road, a piece of work of the same kind is required to prevent the river from washing away the bank.

It appears that the Township Commissioners are about to temporarily divert the river at this point in order to lay some sewage pipes under it, and if that be so, it would be a convenient opportunity to execute this necessary work.

The curvilinear range of houses has been supplied with a pair of large new boilers by Messrs. Boyd, which do their work with efficiency, and the plants in this range, in consequence of this improvement, are in very good condition.

The new potting sheds at the back of this range are completed, and are very useful. The Board of Works have not yet removed their workmen from these sheds to new quarters, but when they do, this part of the establishment will be sufficient and commodious.

The filmy fern-house requires that the internal wooden sashes should be removed and the timber uprights replaced by iron.

In the propagating pit the new sashes recommended last year have been put up, and make this an efficient house.

The present foreman's cottage (No. 2) is outside the grounds, and a rent of 16*l.* a year is paid for it. The Visitors suggest that this might be saved by the erection of a foreman's cottage within the precincts of

the Gardens, as the foreman ought to be as near his work as possible to attend to the houses, and especially to see to the stoking of the fires at night.

It appears that a sewer, which has frequently been choked, runs under the foreman's cottage, and renders the cottage unhealthy. It is recommended that the sewer in question should be diverted.

In the warm propagating-houses near the cow-sheds, we recommend the replacing of the present wooden shelves, which are much decayed, by slate shelves with iron supports.

In the foregoing remarks, the suggestions of the Visitors refer to some comparatively small matters, which would not entail any serious expense except for the foreman's house; but there is one building—the great palm-house—which they submit, requires immediate attention. The Visitors fear that there is only one course to be pursued with regard to it, and that is, entire reconstruction of the house in order to save from destruction the most valuable part, perhaps, of the whole collection in the Gardens.

This building, they regret to say, is in a hopelessly bad state, and although the wooden roof and sides have been painted inside and out, to preserve it as far as possible, it is in such a rotten and dangerous condition that the Curator states he fears that at any moment a sudden storm would cause it to collapse altogether, causing the loss of the very valuable palms, which are, perhaps, not to be surpassed in beauty and size even at Kew.

The roof rafters are all sagged from decay and are quite past repair, and the whole roof is in imminent danger of falling in. Again, the platforms to which visitors mount to view the tops of the palms are very insecure. The Visitors urgently invite the immediate attention of the Department and the Treasury to the reports of the Curator for the last three years, and especially to that of last year, regarding this tropical plant house, and trust that this valuable property may not be lost to the country owing to want of proper provision being made for preserving it from destruction.

The Visitors believe that an estimate was furnished some time since by Messrs. Boyd for building a new palm-house over the old one, and beg to press upon the attention of the Department of Science and Art and the Treasury the immediate necessity for the prosecution of this work.

They further suggest that the new palm-house should have the roof, sides, and inside platforms constructed of iron, and the roof of a dome-like form, so as to be more ornamental in character than the present very unsightly structure.

Also, that all iron-work requiring it should be galvanized.

Leinster Lawn.—The Visitors think that an additional small house is necessary for housing the bedding plants. They believe that it would save an annual expense of 20*l.*, for the purchase of plants, as they could be propagated from cuttings if there was suitable accommodation for storing them in winter and spring.

They also suggest the desirability of erecting a lodge for the gardener of the Leinster Lawn in the Clare Lane yard, as his residing off the premises, and away from the property under his charge, appears to be very undesirable.

The Visitors, in conclusion, beg to express their satisfaction at so many of the improvements suggested by them having been carried out at the Botanic Gardens.

(Signed) LEINSTER.

10th May, 1883.

Appendix K.

APPENDIX K.

Mr. Archer's Report.

REPORT of the LIBRARIAN of the NATIONAL LIBRARY OF IRELAND, adopted by the COUNCIL of TRUSTEES, and forwarded to the SCIENCE AND ART DEPARTMENT as their Report.

NATIONAL LIBRARY OF IRELAND,
Kildare Street, Dublin,
1st January, 1883.

GENTLEMEN,

I BEG to submit to you my Annual Report for the year 1882.

The attendance of the public has been as follows, leaving out of view that of the members of the Royal Dublin Society, who do not put down their names in the attendance book :—

Gentlemen, morning -	18,185	Daily average	- 63·36
„ evening -	11,191	„	- 39·00
	29,376		102·36
Ladies - - -	6,460	„	- 22·50
Total - -	35,836	Gross average	- 124·86

This shows an increase in the total of 1,214 on the preceding year, mainly arising in the morning readers. An increase in the number of the evening readers may be anticipated as the result of an improvement in the lighting, which it is much to be hoped may shortly be effected.

The accessions have been 2,600 volumes during the year; of these 2,220 were octavos and under, 239 quartos, and 141 folios.

This aggregate includes 826 volumes of the presentation of his Grace the Duke of Leinster, and 177 volumes received from Public Departments. From the British Museum we are receiving the fasciculi of their printed Catalogue as these make their appearance. The aggregate includes the Periodicals, but only such Transactions and Proceedings of Societies as are Subscribed for by you out of the parliamentary vote to the National Library, those coming to the Royal Dublin Society in exchange for its publications being of course its property.

The accessions, irrespective of the presentations referred to, fall under the following classes :—

Bibliography - - - - -	42
Cyclopædias - - - - -	2
Newspapers - - - - -	20
Ancient and Modern Philosophy - - -	23
Anthropology - - - - -	1
Psychology - - - - -	4
Ethics - - - - - -	3
Logic - - - - - -	1
Theology, general - - - - -	2
Bible, with Commentary - - -	8
Sermons - - - - -	10
History of Religion - - - -	37
Ecclesiastical History - - - -	16
Non-Christian Religious Systems : Buddhism, Mahomedanism, Judaism, &c. - -	13
Statistics - - - - - -	9
Political Science, Political Essays - - -	33
Political Economy - - - - -	14
Law - - - - - -	13
Administration, Civil and Military Services -	27
Education - - - - - -	7
Commerce - - - - - -	28
Amusements - - - - -	9
Over - -	322

Forward	322
Philology, general and comparative	28
English, French, German, Italian, Celtic, and other Languages	21
Sciences in general	123
Mathematics	30
Astronomy	22
Physics	25
Chemistry and Mineralogy	40
Geology	7
Palæontology	7
Biology	28
Botany	170
Zoology	65
Useful Arts at large	29
Medicine	26
Engineering	15
Agriculture	17
Chemical Arts, Manufactures, Trades	19
Fine Arts in general	15
Landscape and Ornamental Gardening	4
Architecture	11
Sculpture	14
Painting	6
Engraving	5
Photography	4
Music	9
Archæology	17
Literature, general collections	7
English Literature	124
German „	27
French „	39
Italian „	7
Spanish „	74
Latin „	6
Greek Literature	18
Celtic and other Literature	5
History	82
Geography, Travels	49
Biography	80
	1,597
From the Duke of Leinster, mainly consisting of Political and Theological Pamphlets, Agricultural Works, French and English Magazines, Travels, &c., &c. of last century or early in the present century	826
Hansard's Parliamentary Debates	8
Publications through H.M. Stationery Office	89
British Museum Publications	10
Record Publications	9
Patents for Inventions	61
	2,600

The following is a return of the number of volumes lent out to and received back from the borrowing members of the Royal Dublin Society:—

Number of volumes in members' hands at 31st December 1881	572
Lent during the year 1882	5,843
	6,415
Returned during the year	5,870
Number of volumes in members' hands at 31st December 1882	545

Appendix K.

MR. ARCHER'S REPORT.

Although it was understood that at least 3,000 volumes a year should be bound for the Library, I regret to have to report that during the year but 1,000 volumes have been put in hand by the binders, the last batch of 500 bringing the total number of volumes sent from the beginning up to 5,000. There are at present 413 volumes in binders' hands not yet returned to the Library. When these are returned, the full number (5,000) as yet sanctioned will have been completed, and it will therefore now be necessary to obtain renewed authority to proceed further in pulling up the long arrear. The present rate of progress is not adequate to keep pace with out annual requirements as regards binding, not to speak of arrears, which are very considerable.

The printing of the Five-year Supplemental Catalogue up to the end of 1879 has reached the letter L, and 500 pages are printed off. Authority to complete the alphabet has not yet been received from the Stationery Office.

The Annual Supplement for 1880 is all in type, and will very shortly be printed off in full. The titles, as soon as printed, I at once lay down in the Desk Catalogue. The printers have a portion of the slips for 1881 in their hands, but none is yet set up. They are finished and ready, so soon as they are prepared to take them; also those for 1882.

An additional standing Book-press, probably capable of holding some 2,000 volumes, has been put up by the Board of Works in the corridor on the upper floor. This, of course, will be a certain amount of relief.

As the Trustees are well aware of the crowded state of the Library I need not dwell upon this point further than to express an earnest hope that some temporary arrangement in the way of providing additional accommodation may ere long be capable of being devised, and I would merely call attention to the disarranged state of the books on the shelves, necessitated by our having had to remove so many volumes from their original positions, and find room for them in other parts of the Library, already overcrowded, entailing a break up of the original arrangement, and a complete disturbance of the old location marks. This cramped condition of affairs precludes any re-arrangement or amended classification of the books on the shelves being made, which I have long been most anxious to be able to effect, and with more space would not, I trust, be very long in carrying out. If this were accomplished it would effect a great saving of time in obtaining the books when needed, as well as, after use, in returning them to their locations.

I am, &c.

The Council of Trustees of the National Library of Ireland.

(Signed) WM. ARCHER, Librarian.

APPENDIX L.

REPORT of the ROYAL ZOOLOGICAL SOCIETY of IRELAND.

THE Annual Meeting of the Royal Zoological Society of Ireland was held in the College of Physicians on Tuesday, 9th January 1883.

Sir John Lentaigne, C.B., President, in the Chair.

REPORT OF COUNCIL.

During the year 1882, the numbers of visitors to the gardens, and the receipts at the entrance gate, were as follows :—

Admission to Zoological Gardens, 1882.

		£	s.	d.
Members	14,202			
Public institutions	2,087			
Visitors' tickets	1,248			
Visitors at 5*s.*	125	31	5	0
Visitors at 2*s.* 6*d.*	3	0	7	6
Visitors at 1*s.*	12,531	1,626	11	0
Visitors at 6*d.*	12,786	319	13	0
Visitors at 3*d.*	3,604	45	1	0
Schools at 3*d.*	1,207	15	1	9
Visitors at 2*d.*	59,950	499	11	8
Visitors at 1*d.*	17,855	74	7	11
Total admissions	125,598	1,611	18	10

during the preceding year the corresponding numbers were :—

		£	s.	d.
Members	22,877			
Public institutions	3,605			
Visitors' tickets	216			
Visitors at 5*s.*	42	10	10	0
Visitors at 2*s.* 6*d.*	546	68	5	0
Visitors at 1*s.*	12,500	625	0	0
Visitors at 6*d.*	7,080	177	0	0
Visitors at 3*d.*	1,681	21	0	3
Schools at 3*d.*	1,113	13	18	3
Visitors at 2*d.*	54,644	455	7	4
Visitors at 1*d.*	16,483	68	13	7
Total admissions	120,787	1,439	14	5

Appendix L.

REPORT BY DR. HAUGHTON.

The total numbers of visitors and receipts at gate during the past 10 years were as follows :—

Year.	Visitors.	Receipts.
		£ s. d.
1873	147,762	1,450 4 3
1874	109,923	1,442 14 4
1875	104,945	1,500 4 8
1876	98,491	1,353 8 7
1877	102,416	1,367 4 10
1878	110,173	1,494 3 4
1879	103,155	1,298 1 5
1880	112,727	1,353 19 9
1881	120,787	1,439 14 5
1882		

During the corresponding years the total receipts from entrance fees and subscriptions were as follows :—

Year.	Entrance Fees and Subscriptions. £
1873	404
1874	610
1875	429
1876	448
1877	595
1878	580
1879	551
1880	531
1881	724
1882	723

The receipts from Sunday admissions during the past 10 years have been :—

Year.	£ s. d.
1873	477 1 3
1874	497 8 4
1875	561 10 11
1876	521 8 7
1877	523 6 7
1878	535 10 4
1879	467 13 5
1880	539 3 3
1881	524 0 11
1882	

(Signed) SAMUEL HAUGHTON, M.D.,
Secretary.

31st January 1883.

APPENDIX M.

Royal Hibernian Academy of Arts.

Report of Council for the Year 1881-82.

The Council presents to the General Assembly of Members its Annual Report for the year 1881-82.

A comparison of the figures given below, of the number of works exhibited at the late annual exhibition, and of the general receipts from that source, shows a decrease, as compared with that of the preceding year, but one which the Council cannot consider discouraging, taking into consideration that exceptional circumstances existed at the time of collecting works for exhibition, and during the time the exhibition was open, that led the Council to expect a far less successful result.

It will be seen that the sale of season tickets, increasing year by year, is still further increased this year; being a gratifying evidence of the growing interest of the resident community in Art.

A diminution of receipts under one head, commission on sales, is due rather to a recent alteration of byelaws, by resolution of the Academy, than by falling off of sales. When the return is analysed, it will be seen that there is no appreciable falling off in the success of the exhibition. Comparing this year with former ones, in general interest of the works exhibited, it has been quite equal to, if not exceeding, the average.

The exhibition, which opened on Monday, the 6th of March, and closed on Saturday, the 17th of June, remained open 15 weeks, during nine of which it was open by gaslight, at a reduced charge of one penny. It contained 666 works, as against 711 in that of the preceding year, showing a decrease of 45.

The season tickets numbered 655, as against 610 in 1881; showing an increase of 45, and an increase of 104 over the year 1880. The day admissions, at one shilling, 5,122, as against 5,619. The evening admissions, at one penny, 23,397, as against 27,259.

The purchases, amounting to 2,717*l.* 16*s.*, including those made by the Art Union Prizeholders, which amounted to 693*l.* 4*s.*, are less in amount by 116*l.* 14*s.* than those of 1881.

The following is an analysis of attendance and receipts:—

	£	*s.*	*d.*
615 Season tickets at 3*s.* - - - -	98	5	0
5,122 Day admissions at 1*s.* - - -	256	2	0
23,397 Evening admissions at 1*d.* - - -	97	9	9
2,440 Catalogues at 6*d.* - - - -	61	0	0
3,455 Catalogues, evening, at 3*d.* - - -	43	3	9
Commission on sales - - - -	73	15	6
Total -	£629	16	0

During the exhibition the pupils of the following Educational Institutions were invited to visit the exhibition gratuitously:—

The King's Hospital.
Deaf and Dumb Mutes, Claremont, Glasnevin.
Deaf and Dumb Mutes, St. Mary's, Cabra.
St. Vincent de Paul Male Orphanage.
Clergy Daughters' School.
Orphanage, Presentation Convent, George's Hill.
Masonic Male and Female Orphan Schools.

Appendix M.

REPORT BY THE COUNCIL OF THE ROYAL HIBERNIAN ACADEMY.

St. Mary's Industrial Schools.
Pleasant's Asylum.
Royal Hibernian Military School.
Drummond Institute for Soldiers' Daughters.
The Hibernian Marine School.

The schools of the living model, and for the study of the antique, opened on Monday, the 24th of October 1881, and closed on Friday, the 16th of June 1882, being open 30 weeks. The average attendance weekly in the school of the living model was 30, and in the antique school 25. The day painting school opened on Monday the 20th o March and closed the 16th of June, the average weekly attendance 16.

At the Council meeting of July 22nd, 1878, it was decided to offer an Albert prize of 20*l.* for the best picture, figure or landscape, painted by any Irish artist or Art student being under 30 years of age, who is or has been a student in the school of the Academy. The pictures in competition were exhibited in the annual exhibition of 1882, and the prize was awarded to Mr. Edward J. Brennan, for his picture, "An Autumn Day on the Liffey."

The annual visit of the Inspector from the Department of Science and Art, F. B. Barwell, Esq., took place on July 9th, 1882, who, in conjunction with the President, Sir Thomas Alfred Jones, and the keeper, P. Vincent Duffy, Esq., made the following awards :—

SPECIAL COMPETITION.

Drawing from the Living Model.

Silver medal—Darius J. J. MacEgan.
Bronze medal—Roderic O'Connor.

Drawing from the Antique.

Bronze medal—Roderic O'Connor.
5*l.* for the best life study—Henry Tisdall.
2*l.* for second best life study—D. J. J. MacEgan.
3*l.* for best drawing from the antique—Henry Tisdall.
2*l.* for second best drawing from the antique—Roderic O'Connor.
2*l.* for best study in painting class—Roderic O'Connor.
1*l.* for second best study in painting class—Henry Tisdall.

The Academy has to regret the loss during the year of one of its oldest and most esteemed constituent members in Mr. John James M'Carthy, architect, whose long and honourable professional career intimately identified him with the revival of ecclesiastical architecture in this country.

By the demise of Mr. Edward Prittie, the Academy has also to regret the loss of an artist of great promise, and whose early death is greatly to be deplored.

At the general assembly, held on Tuesday, the 18th of July, Mr. Bingham M'Guinness was elected to the vacancy on the associate list caused by the death of Mr. Prittie.

Annexed is the abstract of income and expenditure, as furnished by the treasurer, Thomas Farrell, Esq., R.H.A.

(Signed) THOMAS ALFRED JONES, Knt., *President.*
NATHANIEL HONE, R.H.A.,
J. R. KIRK, R.H.A.,
B. COLLES WATKINS, R.H.A.,
P. VINCENT DUFFY, R.H.A.,
T. N. DEANE, R.H.A.,
WILLIAM OSBORNE, R.H.A.,
Members of Council.
B. COLLES WATKINS, R.H.A., *Secretary.*

GENERAL ABSTRACT of the ACCOUNTS of the ROYAL HIBERNIAN ACADEMY, from the 1st April 1881 to the 31st day of March 1882.

Dr. *Cr.*

1881-82.	£	s.	d.	£	s.	d.	1881-82.	£	s.	d.	£	s.	d.
To Balance indebted the 31st March 1881				63	18	6	By rent, taxes, and insurance	12	7	10			
To part receipts of Exhibition—							By repairs of building	11	10	0			
April	141	14	11				By fuel, gas, and other lights	87	5	6			
May	152	3	0				By annual exhibition	281	14	2			
June	77	13	11				By advertising and printing	126	0	5			
				371	11	10	By life and painting schools	174	11	6			
To Paymaster-General				300	0	0	By incidental expenses	32	19	0			
To Grundy Prize				10	0	0	By salaries, wages, and allowances	193	10	0			
To Commission on sales				103	4	5					919	18	9
To Messrs. Russell & Co.				15	0	0	By balance in bank and in hands				184	15	6
To part receipts of Exhibition—													
March 1882				240	19	6							
				£1,104	14	3					£1,104	14	3

GENERAL ABSTRACT of the ACCOUNTS of the ROYAL HIBERNIAN ACADEMY, from the 1st April 1882 to the 30th September 1882.

Dr. *Cr.*

1882.	£	s.	d.	£	s.	d.	1882.	£	s.	d.	£	s.	d.
To Balance indebted the 31st March				184	15	6	By rent, taxes, and insurance	3	10	5			
To part receipts of Exhibition—							By fuel, gas, and other lights	47	19	10			
April	137	8	9				By annual exhibition	206	15	10			
May	107	12	6				By advertising and printing	133	2	11			
June	69	19	9				By life and painting schools	89	15	8			
				315	1	0	By salaries, wages, &c.	145	0	0			
To Paymaster-General				300	0	0	By incidental expenses	12	14	5			
To Commission on sales				73	15	6					638	19	1
To Messrs. Russell & Co.				15	0	0	By balance in bank and in hands				249	12	11
				£888	12	0					£888	12	0

Appendix N.

RETURN OF EXPENDITURE.

APPENDIX N.

STATEMENT of the EXPENDITURE of the several DIVISIONS of the SCIENCE and ART DEPARTMENT of the UNITED KINGDOM, for the Period from 1st April 1882 to 31st March 1883.

[*Note.*—The following Statement of Expenditure is subject to alteration during the examination of the accounts by the Exchequer and Audit Department, which will be completed on or before the 30th November 1883.]

SCIENCE AND ART DEPARTMENT, SOUTH KENSINGTON.

Heads of Service.	Amount.		
	£	*s.*	*d.*
Administration:—			
A. 1. Salaries of Staff	8,898	4	10
Grants in aid to Schools of Science and Art:—			
B. 1. Science	49,906	1	3
2. Salaries of National Art Training School	2,128	14	2
3. Maintenance of Students	2,497	0	9
4. Public Elementary Schools	32,273	13	9
5. Artizans attending Night Classes	21,428	4	6
6. National Scholarships, &c.	2,007	0	0
7. Local Secretaries	1,723	17	1
8. Preparation of Papers, &c. for Examinations	7,501	17	10
9. Inspection and Examination	14,733	3	6
10. Local Committees	1,839	6	3
11. Prizes	11,623	15	9
12. Scholarships	1,359	14	6
13. Grants for Examples	3,691	7	4
14. Building Grants	2,145	7	6
15. Committee on Solar Physics	508	1	2
Expenses of Purchases, Circulation, &c.:—			
C. 1. Salaries	1,293	3	4
2. Science Divisions	1,012	2	0
3. Works of Art	10,806	0	10
4. Aid to Local Museums	1,072	18	3
5. Reproductions of Works of Art	3,221	12	8
6. Hire of Specimens	23	16	4
7. Photographing Art Objects, &c.	961	2	0
8. Historical Collection of British Paintings	525	18	0
9. Exchange of Works	500	8	9
10. Art Library	3,462	3	4
11. Preparation, &c. of Catalogues	1,389	19	6
12. Carriage, Materials, &c.	5,484	13	6
South Kensington Museum:—			
D. 1. Salaries	8,167	2	10
2. Occasional Professional Assistance	1,324	11	6
3. Police	9,592	13	2
4. Furniture, Fittings, and Materials	6,012	15	1
5. Artizans, Cleaners, Labourers, &c.	9,219	17	2
6. Heating and Lighting	7,593	13	7
Services common to the several Divisions:—			
E. 1. Temporary Clerks, Assistants, &c.	10,538	19	4
2. Attendants, Messengers, &c.	15,292	13	2
3. Travelling	6,298	6	6
4. Incidental expenses	649	2	2
	268,709	3	2

BRANCH MUSEUM, BETHNAL GREEN.

Heads of Service.	Amount.		
	£	*s.*	*d.*
F. 1. Salaries, Wages, &c.	2,285	0	9
2. Travelling	10	12	9
3. Incidental Expenses	8	0	11
4. Police	2,275	4	8
5. Furniture, Fittings, Materials, &c.	718	17	8
6. Heating and Lighting	1,184	7	7
	6,482	4	4

NORMAL SCHOOL OF SCIENCE, AND SCHOOL OF MINES, SOUTH KENSINGTON AND JERMYN STREET, AND GEOLOGICAL MUSEUM, JERMYN STREET.

	£	*s.*	*d.*
H. 1. Salaries and Wages, Normal School of Science and School of Mines.	9,676	10	8
2. Exhibitions and Maintenance Allowances	2,914	13	0
3. Laboratory Expenses	2,287	7	3
4. Furniture and Fittings	660	14	7
5. Heating and Lighting	639	0	7
6. Travelling	638	12	6
7. Incidents, Advertisements, &c.	231	1	11
8. Salaries and Wages, Geological Museum	2,779	0	9
9. Police	662	10	4
10. Purchase of Specimens, Models, Books, &c.	550	19	0
11. Furniture and Fittings, &c.	299	2	11
12. Heating and Lighting	298	8	7
13. Travelling	108	1	10
14. Incidental Expenses, Advertisements, &c.	44	4	2
	21,790	8	1

EDINBURGH MUSEUM OF SCIENCE AND ART.

	£	*s.*	*d.*
I. 1. Salaries and Wages	4,625	2	6
2. Occasional assistance	255	6	0
3. Police	716	19	4
4. Purchase of Specimens, Books, Reproductions, &c.	2,555	11	5
5. Fittings, Furniture, Glass Cases, &c.	2,035	11	4
6. Cleaning and Materials	153	17	4
7. Travelling	197	16	5
8. Incidental expenses	82	0	5
	10,622	4	9

Appendix N.

RETURN OF EXPENDITURE.

DUBLIN MUSEUM OF SCIENCE AND ART.

Heads of Service.	Amount.		
	£	s.	d.
K. 1. Salaries and Wages, General administration -	3,077	12	9
2. Incidental expenses - - - - -	344	4	2
3. Travelling - - - - - -	171	14	5
4. Salaries and Wages, Natural History, Art and Industrial Museum.	1,183	17	10
5. Purchase, &c. of specimens - - -	1,702	1	8
6. Salaries, National Library - - - -	752	11	3
7. Purchase of Books - - - - -	999	17	2
8. Salaries, School of Art - - - -	545	6	2
9. School Accessories - - - -	159	17	3
10. Salaries and Wages, Botanic Gardens and Leinster Lawn.	2,266	10	3
11. Purchase of Seeds, &c. and Incidental Expenses -	647	1	6
	11,850	14	5

ROYAL COLLEGE OF SCIENCE (DUBLIN).

	£	s.	d.
L. 1. Salaries and Wages - - - -	4,674	8	5
2. Purchase of Specimens, Books, Apparatus, &c. -	870	2	0
3. Laboratories - - - - -	139	3	11
4. Prizes, Scholarships, and Examinations - -	641	17	6
5. Incidental expenses - - - - -	246	10	8
	6,572	2	6

ROYAL HIBERNIAN ACADEMY.

	£	s.	d.
M. Annual Grant in Aid of Expenses - - -	300	0	0

ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

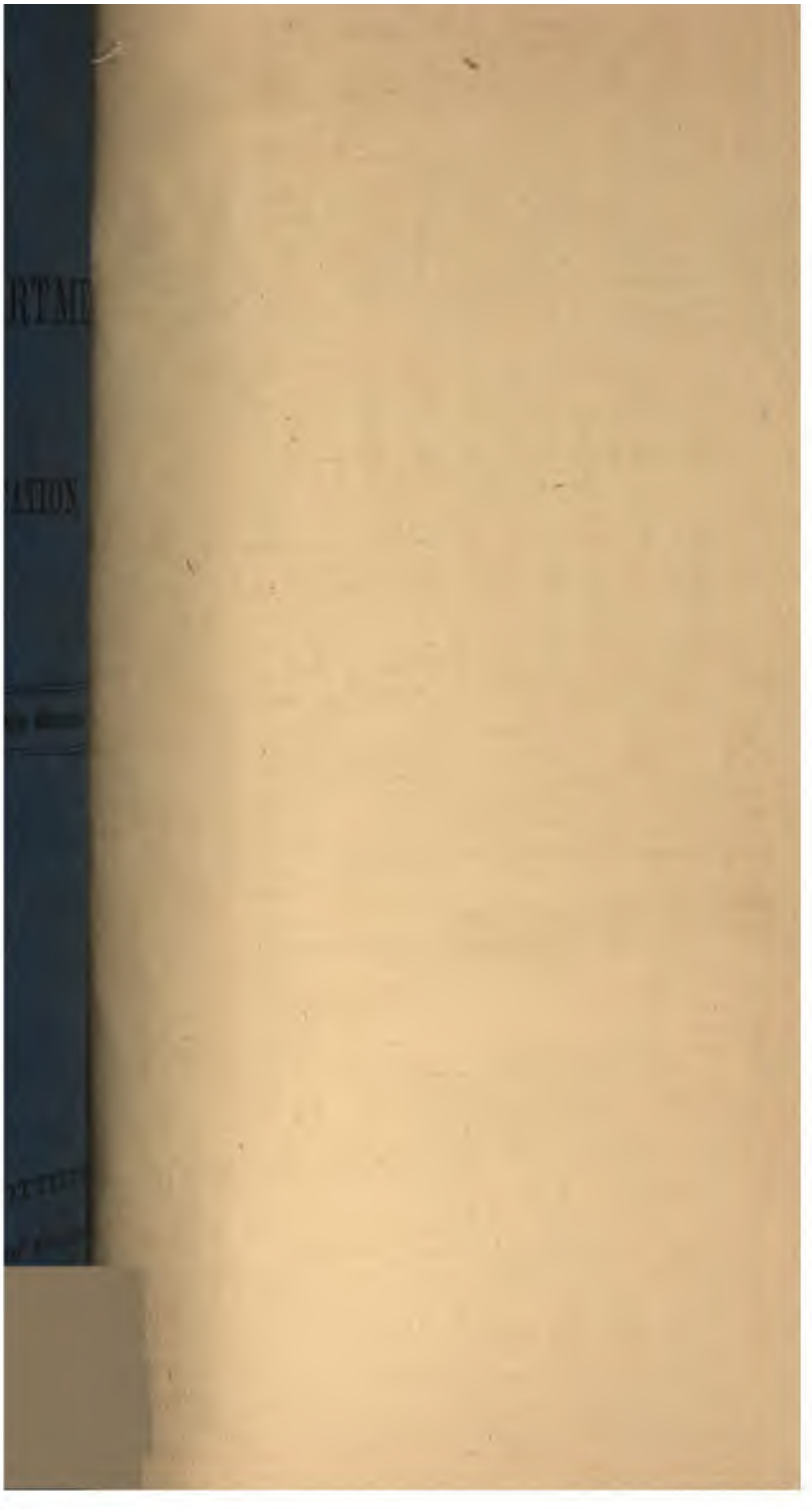
	£	s.	d.
N. Annual Grant in Aid of Expenses - - -	500	0	0

GEOLOGICAL SURVEY OF THE UNITED KINGDOM.

Heads of Service.	Amount.		
	£	*s.*	*d.*
England:—			
O. 1. Salaries	8,902	14	6
2. Travelling	1,294	18	1
3. Incidental expenses	244	19	0
Scotland:—			
4. Salaries	2,090	2	10
5. Travelling	359	4	8
6. Incidental expenses	173	4	0
Ireland:—			
7. Salaries	4,245	8	5
8. Travelling	1,135	8	1
9. Incidental expenses	90	17	9
	18,536	17	4

SUMMARY.

	£	*s.*	*d.*
Science and Art Department, South Kensington:—			
A. Administration	8,898	4	10
B. Schools of Science and Art	155,367	5	4
C. Purchases and Circulation	29,753	18	6
D. South Kensington Museum	41,910	13	4
E. Services common to the several Divisions	32,779	1	2
F. Branch Museum, Bethnal Green	6,482	4	4
H. Normal School of Science and School of Mines, and Geological Museum, Jermyn St.	21,790	8	1
I. Edinburgh Museum	10,622	4	9
K. Dublin Museum	11,850	14	5
L. Royal College of Science, (Dublin)	6,572	2	6
M. Royal Hibernian Academy	300	0	0
N. Royal Zoological Society of Ireland	500	0	0
O. Geological Survey of the United Kingdom	18,536	17	4
Total	345,363	14	7

(Signed) THOMAS A. BOWLER,
Clerk in charge of the Accounts.

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